

## FGFR1 Oncogene Partner Human Recombinant

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| <b>Item Number</b>                       | rAP-1100                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>                          | FGFR1 oncogene partner, FGFR1OP, FOP.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>                       | FGFR1OP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 403 amino acids (1-379 a.a) and having a molecular mass of 43.5kDa.FGFR1OP is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.                                                                                                                                                                    |
| <b>Uniprot Accession Number</b>          | O95684                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSMAATAA AVVAEEDTEL RDLLVQTLEN SGVLNRIKAE LRAA-VFLALE EQEKVENKTP LVNESLKKFL NTKDGRLVAS LVAEFLQFFN LDFTLAVFQP ETSTLQGLEG REN-LARDLGI IEAEGTVGGP LLEVIRRCQ QKEKGPTTGE GALDLSDVHS PPKSPEGKTS AQTTPSKKAN DEANQSDTSV SLSEPKSKSS LHLLSHETKI GSFLSNRTLD GKDKAGLCPD EDDMEGDSFF DDPIP-KPEKT YGLRKEPRKQ AGSLASLSDA PPLKSGLSSL AGAPSLKDSE SKRGNTVLKD LKLISDKIGS LGLGTGEDDD YVDDFNSTSH RSEKSEISIG EEIEEDLSVE IDDINTSDKL DDLTQDLTVS QLSDVADYLE DVA. |
| <b>Source</b>                            | Escherichia Coli.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Physical Appearance and Stability</b> | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.                                                                                                                                                                                      |
| <b>Formulation and Purity</b>            | FGFR1OP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                            |
| <b>Application</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Solubility</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Biological Activity</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.                                                                                                                                                                                                                                                                                                                                                                                                                       |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**