

## SH3-domain GRB2-like endophilin B1 Human Recombinant

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| <b>Item Number</b>                       | rAP-4785                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>                          | Bif-1, CGI-61, dJ612B15.2, PPP1R70, Endophilin-B1, Bax-interacting factor 1, SH3 domain-containing GRB2-like protein B1, KIAA0491 .                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>                       | SH3GLB1 Human Recombinant produced in E. coli is a single polypeptide chain containing 373 amino acids (1-365) and having a molecular mass of 41.9 kDa. SH3GLB1 is fused to 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.                                                                                                                                                                     |
| <b>Uniprot Accession Number</b>          | Q9Y371                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Amino Acid Sequence</b>               | MNIMDFNVKK LAADAGTFLS RAVQFTEEKL GQAEKTELDA HLENLLSKAE CTKIWTEKIM<br>KQTEVLLQPN PNARIEEFVY EKLD RKAPSR INNPELLGQY MIDAGTEFGP GTAYGNALIK CGETQKRIGT<br>ADRELIQTSA LNFLTPLRNF IEGDYKTIK ERKLLQNKRL DLDAKTRLK KAKAAETRNS SEQLRITQS<br>EFDRAEITR LLEGISSTH AHHLRCLNDF VEAQMTYYAQ CYQYMLDLQK QLGSFSPSNYL<br>SNNNQTSTVP VPSVLPNAIG SSAMASTSGL VITSPSNLSD LKECSGSRKA RVLYDYDAAN<br>STELSLLADE VITVFSVVG M DSDWLMGERG NQKGKVPITY LELLNLEHHH HHH. |
| <b>Source</b>                            | E.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>            | The SH3GLB1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 2mM DTT. Greater than 90% 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**