

## Septin-3 Human Recombinant

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| <b>Item Number</b>                       | rAP-4743   |
| <b>Synonyms</b>                          | Septin 3, SEP3, Neuronal-Specific Septin 3, Neuronal-Specific Septin-3, BK250D10.3, Neuronal-specific septin-3.  |
| <b>Description</b>                       | SEPT3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 381 amino acids (1-358 a.a) and having a molecular mass of 43.1kDa.  |
| <b>Uniprot Accession Number</b>          | Q9UH03   |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSMKGLPE TRTDAAMSEL VPEPRKPAV PMKPMSINSN<br>LLGYIGIDI<br>IEQMRKKTMK TGFDFNIMVV GQSGLGKSTL VNTLFKSQVS RKASSWNREE KIPKTVEIKA IGHVIEEGGV<br>KMKLTVIDTP GFGDQINNEN CWEPIEKYIN EQYEKFLKEE<br><br>VNIARKKRIP DTRVHCCLYF ISPTGHSLRP LDLEFMKHL S KVVNIIPVIA |
| <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>            | SEPT3 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 95% 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**