

Product datasheet for TP522072

Vamp4 (NM_016796) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse vesicle-associated membrane protein 4 (Vamp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR222072 representing NM_016796 Red=Cloning site Green=Tags(s) MPPKFKRHLNDDDDVTGSVKERRNLEDDSDDEEDFFLRGSPGPRFGPRNDKIKHVQNQVDEVIDVMQEN ITKVIERGERLDELQDKSESLSDNATAFSNRSKQLRRQMWWRGCKIKAIMALAAAILLLMIITQIILHLK K TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-MYC/DDK |
| Predicted MW: | 16.8 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_058076 |
| Locus ID: | 53330 |
| UniProt ID: | Q8BSN6 |
| RefSeq Size: | 2532 |
| Cytogenetics: | 1 70.29 cM |



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RefSeq ORF: 423

Synonyms: D1Erttd147e; Vamp-4

Summary: Involved in the pathway that functions to remove an inhibitor (probably synaptotagmin-4) of calcium-triggered exocytosis during the maturation of secretory granules. May be a marker for this sorting pathway that is critical for remodeling the secretory response of granule (By similarity).[UniProtKB/Swiss-Prot Function]