

Product datasheet for AR09092PU-N

VAMP-1 / Synaptobrevin-1 (1-91, His-tag) Human Protein

Product data:

| Product Type: | Recombinant Proteins |
|--|---|
| Description: | VAMP-1 / Synaptobrevin-1 (1-91, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SSGLVPRGSH</u> MSAPAQPPAE GTEGTAPGGG PPGPPPNMTS NRRLQQTQAQ VEEVVDIIRV NVDKVLERDQ KLSELDDRAD ALQAGASQFE SSAAKLKRKY W |
| Tag: | His-tag |
| Predicted MW: | 11.9 kDa |
| Concentration: | lot specific |
| Purity: | ≥95 by SDS PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: PBS, pH 7.4, 1 mM EDTA |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human Synaptobrevin1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP 001284367</u> |
| Locus ID: | 6843 |
| UniProt ID: | <u>P23763, F5GZV7</u> |
| Cytogenetics: | 12p13.31 |
| Synonyms: | CMS25; SPAX1; SYB1; VAMP-1 |



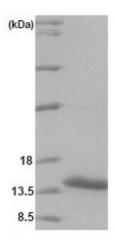
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| | VAMP-1 / Synaptobrevin-1 (1-91, His-tag) Human Protein – AR09092PU-N |
|-------------------|---|
| Summary: | Synapotobrevins, syntaxins, and the synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Mutations in this gene are associated with autosomal dominant spastic ataxia 1. Multiple alternative splice variants have been described, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2014] |
| Protein Families: | Secreted Protein, Transmembrane |
| Protein Pathways | SNARE interactions in vesicular transport |
| Product imag | 25. |

Product images:



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