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Product datasheet for AR09092PU-L

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, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH 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:	NP_001284367
Locus ID:	6843
UniProt ID:	P23763, F5GZV7
Cytogenetics:	12p13.31
Synonyms:	CMS25; SPAX1; SYB1; VAMP-1

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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 images: