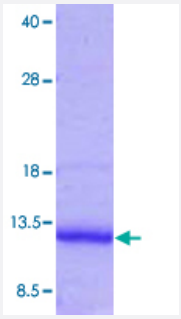
VAMP5 (Human) Recombinant Protein

Catalog # P3530 Size 100 ug

Applications



Specification

Product Description	Human VAMP5 (NP_006625, 1 a.a. - 72 a.a.) partial recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMAGIELERCQQQANEVTEIMRNNFG KVLERGVKLAELQQRSDQLLDMSSTFNKTTQNLAQKKCWENIRYRIC
Host	Escherichia coli
Theoretical MW (kDa)	12.7
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	Conventional Chromatography
Concentration	0.5 mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, 0.2 M NaCl, 0.5 mM EDTA, pH 8.0 (20% glycerol, 5 mM DTT).

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Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — VAMP5

Entrez GeneID	10791
Protein Accession#	NP_006625
Gene Name	VAMP5
Gene Alias	-
Gene Description	vesicle-associated membrane protein 5 (myobrevin)
Omim ID	607029
Gene Ontology	Hyperlink
Gene Summary	Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of vesicles and cell membr anes. The VAMP5 gene is a member of the vesicle-associated membrane protein (VAMP)/synap tobrevin family and the SNARE superfamily. This VAMP family member may participate in vesicle trafficking events that are associated with myogenesis. [provided by RefSeq
Other Designations	myobrevin|vesicle-associated membrane protein 5

Pathway

- SNARE interactions in vesicular transport

Disease

- Glaucoma

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