

Cellubrevin Recombinant Protein | VAMP3 recombinant protein

Cellubrevin, 1-77aa, Human, E Coli

CATALOG # AAA48485	HOST E Coli	APPLICATIONS SDS-Page
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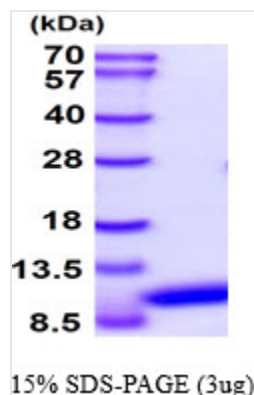
PRODUCT SYNONYMS

Cellubrevin; 1-77aa; Human; E Coli; Vesicle-associated membrane protein 3; VAMP 3; CEB; Synaptobrevin-3; Synaptobrevin 3; VAMP3; Vesicle associated membrane protein 3.; VAMP3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in 20mM Tris-HCl pH 7.5, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MSTGPTAATG SNRRLQQTQN QVDEVVDIMR VNVDKVLERD QKLSELDRA DALQAGASQF ETSAAKLKRK YWWKNCK
Sequence Length	100
Applicable Applications for VAMP3 recombinant protein	SDS-PAGE
Antigen Species	Human
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for VAMP3 recombinant protein	Cellubrevin, also known as VAMP 3, is present in recycling endosomes and endosome-derived vesicles. This protein has been implicated in recycling of transferrin receptors to the plasma membrane, secretion of alpha-granules in platelets, recycling of T-cell receptors to the immunological synapses, and membrane trafficking during cell migration. Recombinant cellubrevin was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for VAMP3 recombinant protein	Neuroscience
References	Hu C., et al. (2007) Exp Cell Res. 313 (15): 3198-209.; Zhang H., et al. (2007) Arch Biochem biophys. 465 (1):119-26.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759300
NCBI GeneID	9341
NCBI Accession #	NP_004772
NCBI GenBank Nucleotide #	NM_004781.3
UniProt Accession #	Q15836; Q9BRV4
Molecular Weight	8.7 kDa (77 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	vesicle-associated membrane protein 3
NCBI Official Synonym Full Names	vesicle associated membrane protein 3
NCBI Official Symbol	VAMP3
NCBI Official Synonym Symbols	CEB
NCBI Protein Information	vesicle-associated membrane protein 3
UniProt Protein Name	Vesicle-associated membrane protein 3
UniProt Gene Name	VAMP3
UniProt Synonym Gene Names	SYB3; VAMP-3; CEB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.