

Product datasheet for **AR09093PU-L**

VAMP-3 / Synaptobrevin-3 (1-77) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	VAMP-3 / Synaptobrevin-3 (1-77) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSTGPTAATG SNRRLQQTQN QVDEVDIMR VNVDKVLERD QKLSELDRA DALQAGASQF ETSAAKLKRRK YWWKNCK
Predicted MW:	8.7 kDa
Concentration:	lot specific
Purity:	≥95 by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl pH 7.5, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant cellubrevin 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_004772
Locus ID:	9341
UniProt ID:	Q15836 , Q6FGG2
Cytogenetics:	1p36.23
Synonyms:	CEB



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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 synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation. [provided by RefSeq, Jul 2008]

Protein Families:

Transmembrane

Protein Pathways:

SNARE interactions in vesicular transport

Product images: