

VAMP8, 1-76aa, Human, His tagged, Recombinant, E.coli

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3th Edition

Synonyms:Endobrevin, EDB, VAMP8, Vesicle-associated membrane protein 8, Vesicle-associated membrane protein 8 VAMP 5, VAMP 8, VAMP-8, VAMP5, Vesicle associated membrane protein 8.

Description:Vehicle-associated membrane (VAMP8) ,also known as endobrevin, is the main components of a SNARE complex involved in the docking and fusion of synaptic vesicles with the presynaptic membrane. This protein plays a role in regulated enzyme secretion in pancreatic acinar cells and is involved in the abscission of the midbody during cell division, which leads to completely separate daughter cells. It is required for dense-granule secretion in platelets. Recombinant VAMP8 protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid in 20mM Tris pH8.5. 0.1mM PMSF, 0.2M NaCl, 50% glycerol, 0.1M Imidazole

Molecular Weight:10.9kDa (96aa), confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHSSGLVPRGSHMEEASEGGGNDVRNQLQSEVEGVKNIMTQNVERILARGENLEHLRNKTEDLEAT
SEHFKTTSQKVARKFWWKNVKM

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.