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## Product Data Sheet

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Product Name: VAMP8 Human  
 Cat. No.: GP24977  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	VAMP8; VAMP-8; Endobrevin; Vesicle-Associated Membrane Protein 8; EDB.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MEEASEGGGN DRVRNLQSEV EGVKNIMTQN VERILARGEN LEHLRNKTED LEATSEHFKT TSQKVARKFW WKNVKM.		
Formulation	The VAMP8 protein solution (0.25mg/ml) contains 20mM Tris pH-8, 0.1mM PMSF, 0.2M NaCl and 50% glycerol.		

### Introduction

VAMP8 also called endobrevin, is the main component of a SNARE complex involved in the docking and fusion of synaptic vesicles with the presynaptic membrane. VAMP8 protein is involved in the regulation of enzyme secretion in pancreatic acinar cells and plays a part in the abscission of the midbody during cell division, which leads to completely separate daughter cells. VAMP8 is essential for dense-granule secretion in platelets. VAMP8 is related with the perinuclear vesicular structures of the early endocytic compartment. VAMP8 interacts particularly with the soluble NSF-attachment protein (alpha-SNAP), through an VAMP8-containing SNARE complex.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Background

VAMP8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 96 amino acids (1-76 a.a.) and having a molecular mass of 10.9 kDa. The VAMP8 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary

**Caution: Product has not been fully validated for medical applications. For research use only.**

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chromatography techniques.

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