
Product Data Sheet

Product Name: VAMP1 Human
Cat. No.: GP24969
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Vesicle-associated membrane protein 1; SYB1; VAMP-1; Synaptobrevin-1; VAMP1; DKFZp686H12131.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSAPAQPPAE GTEGTAPGGG PPGPPNMTS NRRLQQTQAQVEEVVDIIRV NVDKVLERDQ KLSLDDRAD ALQAGASQFE SSAAKLKRKY W.		
Formulation	The protein solution (1mg/ml) contains 1X PBS and 1mM EDTA.		

Introduction

Synaptobrevin 1 (Vesicle-associated membrane, VAMP1) is one of the key proteins in the SNARE complex which is involved in regulated exocytosis. Synaptobrevin1 binds to t-SNAREs, syntaxin (STX) and SNAP25, after the fusion of synaptic vesicles to plasma membrane.

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). Avoid multiple freeze-thaw cycles.

Background

VAMP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 111 amino acids and having a molecular mass of 11.9 kDa.

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

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