Datasheet for ABIN5710606

VAMP7 Protein (AA 2-186, Cytoplasmic Domain, Cytosolic) (His tag)

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Overview

Quantity:	100 µg
Target:	VAMP7
Protein Characteristics:	Cytosolic, AA 2-186, Cytoplasmic Domain
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VAMP7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	AILFAVVARG TTILAKHAWC GGNFLEVTEQ ILAKIPSENN KLTYSHGNYL FHYICQDRIV YLCITDDDFE RSRAFNFLNE IKKRFQTTYG SRAQTALPYA MNSEFSSVLA AQLKHHSENK GLDKVMETQA QVDELKGIMV RNIDLVAQRG ERLELLIDKT ENLVDSSVTF KTTSRNLARA MCMKN
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	VAMP7
Alternative Name:	VAMP7 (VAMP7 Products)
Background:	Involved in the targeting and/or fusion of transport vesicles to their target mbrane during transport of proteins from the early endosome to the lysosome. Required for heterotypic fusion

Target Details

	of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation.
Molecular Weight:	25.1 kDa
UniProt:	P51809

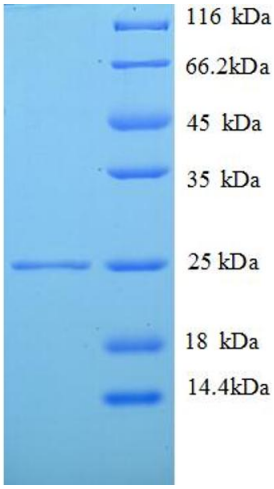
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.