

Product datasheet

Recombinant Human SYT13 protein ab167905

1 Image

Description

Product name	Recombinant Human SYT13 protein
Purity	> 85 % SDS-PAGE. ab167905 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q7L8C5
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSCRHMHPK KGLLPRDQDP DLEKAKPSLL GSAQQFNVKK STEPVQPRAL LKFPDIYGPR PAVTAPEVIN YADYSLRSTE EPTAPASPQP PNDSRLKRQV TEELFILPQN GVVEDVCVME TWNPEKAASW NQAPKLHYCL DYDCQKAELF VTRLEAVTSN HDGGCDCYVQ GSVANRTGSV EAQTALKKRQ LHTTWEEGLV LPLAEEELPT ATLTTLRTC DRFSRHSVAG ELRLGLDGTS VPLGAAQWGE LKTSAKEPSA GAGEVLLSIS YLPAANRLLV VLIKAKNLHS NQSKELLGKD VSVKVTLKHQ ARKLKKKQTK RAKHKINPVW NEMIMFELPD DLLQASSVEL EVLGQDDSGQ SCALGHCSLG LHTSGSERSH WEEMLNPRR QIAMWHQLHL</p>
Predicted molecular weight	47 kDa including tags
Amino acids	30 to 426
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab167905** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Mass Spectrometry

	SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

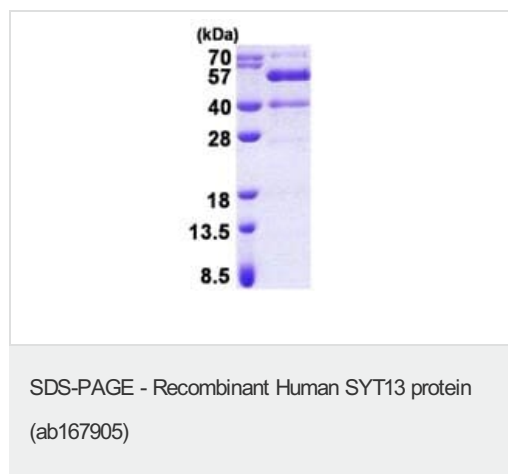
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
	pH: 8.00
	Constituents: 0.01% DTT, 0.32% Tris HCl, 0.03% EDTA, 30% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function	May be involved in transport vesicle docking to the plasma membrane.
Tissue specificity	Expressed in brain, pancreas and kidney.
Sequence similarities	Belongs to the synaptotagmin family. Contains 2 C2 domains.
Domain	The first C2 domain/C2A does not mediate Ca(2+)-dependent phospholipid binding. The second C2 domain/C2B domain binds phospholipids regardless of whether calcium is present.
Cellular localization	Membrane.

Images



15% SDS-PAGE analysis of ab167905 (3 µg).

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