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Datasheet for ABIN1640136 SYTL4 Protein (AA 1-672) (His tag)

Overview

Quantity:	1 mg
Target:	SYTL4
Protein Characteristics:	AA 1-672
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYTL4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSEILDLSFL SEMERDLILS VLQRDEELRK ADEKRIRRLK NELLEIKRKG AKRGSQHYSD</p> <p>RTCARCQEGL GRLISKNTNC VGCNHLVCRE CRVLESNGSW RCKVCSKEIE LKKATGDWIFY</p> <p>DQKVNRFAYR TGSDIIRMSL RRKPAVNKRE TVGQSLQQT QMGDIWPGRR IIQEQQKEQS</p> <p>VLFEVPKLKS GKSALEAESE SLDSYTADSD STSRRDSLKD SGLFPEWKMM SAPKSQVEKE</p> <p>IAPGNQNAVC GDEGDMIFKK NTRKVLRPSE YTKSVIDLRP EDVAQESGIL GDRSKSVPLG</p> <p>SVDMEDEEEE EEDIDHLVKL HRQKLARGSM QSGSSMSTIG SMMSLYSEAG DFGNVSVTGG</p> <p>IAFSLKFEQK TQTLVIHVKE CHQLAYADEA KKRSNPYVKT YLLPDKSRQG KRKTSIKRDT</p> <p>INPLYDETFR YEISESLLAQ RTLQFSVWHH GRFGRNTFLG EAEVHMDSWK LDKKLDHCLP</p> <p>LHGKISTESS PGLPAHKGEL VVSLKYIPAS KLPVGGDRKK SKGGEGGELQ VWIKEAKNLT</p> <p>AAKSGGTSDS FVKGYLLPMR NKASKRKTPV MKKTLNPHYN HTFVYNGVRL EDLQHMCLEL</p> <p>TVWDREPLAS NDFLGGVRLG VGTGISSGEV VDWMDSTGEE VSLWQKMRQY PGSWAEGTLQ</p> <p>LRSSMVKQKL GV</p>
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Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SYTL4
Alternative Name:	Synaptotagmin-like protein 4 (Syt14) (SYTL4 Products)
Background:	Recommended name: Synaptotagmin-like protein 4. Alternative name(s): Exophilin-2 Granuphilin
UniProt:	Q8VHQ7
Pathways:	Negative Regulation of Hormone Secretion

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.