

Datasheet for ABIN7558225
SYT14 Protein (AA 1-555) (His tag)



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Overview

Quantity:	1 mg
Target:	SYT14
Protein Characteristics:	AA 1-555
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYT14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Syt14 Protein expressed in mammalien cells.
Sequence:	<p>MAIEGGERTC GVHELICIRK VSPEAVGFLS AVGVFIVLML LLFLYINKKF CFENVGGFPD</p> <p>LGSGYNTRTN SQDKMYNSYM DRDEPGSSSE SEDEALGKYH EALSRTHNSR WPLVDSRQKS</p> <p>YAWETRQKYS PLSAEYDGYS TEASMEDGNC IQMRMRTPPL DELQPPPYQD DSGSPHLSC</p> <p>T PSEIGDAKCE ISHCSNSPRC SFNKCPSEGS TGHEAESYHN KGYEDDVPSP STAVLSPEDM</p> <p>SAQGSSSQLP KPFDPPEPEAK YGTLDVTFDY DSERQKLLVT VTAVTDIPTY NRTGGNSWQV</p> <p>HLVLLPIKKQ RAKTSIQRGP CPVFTETFKF NHVESEMIGN YAVRFRLYGV HRMKKEKIVG</p> <p>EKIFYLTKLN LQGKMSLPVI LEPSYNPSGC DSQVSLSEAS CGDSTSSCQS LQHGSVPEIL</p> <p>IGLLYNATTG RLSAEVIKGS HFKNLAANRP PNTYVKLTLL NSMGQEMSKC KTSTRRGQPN</p> <p>PVYKETFVFQ VALFQLSDVT LILSVYNRRS MKRKEMIGWI SLGLNSSGEE ELRHWTAMKE</p> <p>SKGQQVCRWH ALLES Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</p>

Product Details

another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

SYT14

Alternative Name:

Syt14 ([SYT14 Products](#))

Background:

Synaptotagmin-14 (Synaptotagmin XIV) (SytXIV),FUNCTION: May be involved in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues. Is Ca(2+)-independent.

Molecular Weight:

62.0 kDa

UniProt:

[Q7TN84](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months