

Datasheet for ABIN7561202
SUN5 Protein (AA 1-373) (His tag)



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Overview

Quantity:	1 mg
Target:	SUN5
Protein Characteristics:	AA 1-373
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUN5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sun5 Protein expressed in mammalian cells.
Sequence:	MPRTRNIGAL CTLPEDTTHS GRPRRGVQRS YISRMAEPAP ANMNDPLLLP LRMNTPGLSL VQILLGYMSW LTYLACFLRT QTQQVFLNTC RCKLFCQKVM EKMGLLVLCV FGFWMFSMHL PSKVEVWQDD SINGPLQSLR MYQEKVRHHT GEIQDLRGSM NQLIAKLQKM EAISDEQKMA QKIMKMIQGD YIEKPDFALK SIGASIDFEH TSATYNHDKA RSYWNWIRLW NYAQQPDVIL EPNVTPGNCW AFASDRGQVT IRLAQKVYLS NITLQHIPKT ISLSGSPDTA PKDIVIYGLE SLPREEVFLG AFQFQPENVI QMFQLQNLPP RSFAAVKVKI SSNWGNPRFT CMYRVRVHGS VTPPKDSHLE PLS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	SUN5
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Alternative Name:	Sun5 (SUN5 Products)
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Background:	SUN domain-containing protein 5 (Sperm-associated antigen 4-like protein),FUNCTION: Plays an essential role in anchoring sperm head to the tail. Is responsible for the attachment of the coupling apparatus to the sperm nuclear envelope. {ECO:0000269 PubMed:28945193, ECO:0000305 PubMed:21711156}.
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Molecular Weight:	42.7 kDa
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UniProt:	Q9DA32
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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