

Datasheet for ABIN7556504
SAMSN1 Protein (AA 1-372) (His tag)



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Overview

Quantity:	1 mg
Target:	SAMSN1
Protein Characteristics:	AA 1-372
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SAMSN1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Samsn1 Protein expressed in mammalian cells.
Sequence:	MLKRKPSNAS DKEKHQPKR SSSFGNFDRF RNNSVSKSDD SIEVHDRELT NGSEEQSKTS SSGGSLGKKV RAISWTMKKK VGKKYIKALS EEKEESGEE ALPYRNSDPM IGHTEKISL KASDSMDSLY SGQSSSGIT SCSDGTSNRD SFRLDDDSY SGPFCGRAKV HTDFTPSPYD TDSLKIKKGD IIDIICKTPM GMWTGMLNNK VGNFKFIYVD VILEEEAAPK KIKVPRRRR ENHQTIQEFL ERIHLQEYTS TLLNGYETL DDLKDIKESH LIELNIADPE DRARLLSAAE SLLDEETTVE HEKESVPLSS NPDILSASQL EDCPRDSGCY ISSENSDNGK EDLESENLS MVQKIAITES SD 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:	SAMSN1
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Alternative Name:	Samsn1 (SAMSN1 Products)
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Background:	<p>SAM domain-containing protein SAMSN-1 (SAM domain, SH3 domain and nuclear localization signals protein 1) (SH3 protein expressed in lymphocytes 2) (SH3-lymphocyte protein 2) (SLy2),FUNCTION: Negative regulator of B-cell activation. Down-regulates cell proliferation (in vitro). Promotes RAC1-dependent membrane ruffle formation and reorganization of the actin cytoskeleton. Regulates cell spreading and cell polarization. Stimulates HDAC1 activity. Regulates LYN activity by modulating its tyrosine phosphorylation.</p> <p>{ECO:0000269 PubMed:15381729, ECO:0000269 PubMed:19923443, ECO:0000269 PubMed:20478393, ECO:0000269 PubMed:21296879}.</p>
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Molecular Weight:	41.6 kDa
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UniProt:	P57725
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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
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Application Details

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
