

Datasheet for ABIN7555411
SASS6 Protein (AA 1-657) (His tag)



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Overview

Quantity:	1 mg
Target:	SASS6
Protein Characteristics:	AA 1-657
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SASS6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SASS6 Protein expressed in mammalian cells.
Sequence:	<p>MSQVLFHQLV PLQVKCKDCE ERRVSIRMSI ELQSVSNPVH RKDLVIRLTD DTDPFLLYNL VISEEDFQSL KFQQGLLVDF LAFPQKFIDL LQCTQEHAK EIPRLLQLV SPAAILDNSP AFLNVVETNP FKHLTHLSLK LLPGNDVEIK KFLAGCLKCS KEEKLSLMQS LDDATKQLDF TRKTLAEKKQ ELDKLRNEWA SHTAALTNKH SQELTNEKEK ALQAQVYQQ QHEQQKKDLE ILHQQNIHQL QNRLSELEAA NKDLTERKYK GDSTIRELKA KLSGVEEELQ RTKQEVLSLR RENSTLDVEC HEKEKHVNQL QTKVAVLEQE IKDKDQLVLR TKEAFDTIQE QKVVLEENGE KNQVQLGKLE ATIKLSAEL LKANEIHKL QGDLKTLMGK LKLKNTVTIQ QEKLLAEKEE KLQKEQKELQ DVGQSLRIKE QEVCKLQEQE EATVKKLEES KQLLKNNEKL ITWLNKELNE NQLVRKQDVL GPSTTPPAHS SSNTIRSGIS PNLNVVDGRL TYPTCGIGYP VSSAFQNT FPHSISAKNT SHPGSGTKVQ FNLQFTKPNL SLGDVQSGAT ISMPCSTDKE NGENVGLESK YLKKREDSIP LRGLSQLNFS NSDHQRDGTG GALHTSSKPT ALPSASSAYF PGQLPNS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression</p>

Product Details

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:

- 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)

Grade: custom-made

Target Details

Target: SASS6

Alternative Name: SASS6 ([SASS6 Products](#))

Background: Spindle assembly abnormal protein 6 homolog (HsSAS-6),FUNCTION: Central scaffolding component of the centrioles ensuring their 9-fold symmetry. Required for centrosome biogenesis and duplication: required both for mother-centriole-dependent centriole duplication and deuterosome-dependent centriole amplification in multiciliated cells. Overexpression results in excess foci-bearing centriolar markers. Required for the recruitment of STIL to the procentriole and for STIL-mediated centriole amplification (PubMed:22020124).
{ECO:0000269|PubMed:15665853, ECO:0000269|PubMed:16244668, ECO:0000269|PubMed:17681131, ECO:0000269|PubMed:22020124}.

Target Details

Molecular Weight: 74.4 kDa

UniProt: [Q6UVJ0](#)

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.

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