

Datasheet for ABIN7546082

SGSM3 Protein (AA 1-749) (His tag)



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Overview

Quantity:	1 mg
Target:	SGSM3
Protein Characteristics:	AA 1-749
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGSM3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SGSM3 Protein expressed in mammalian cells.
Sequence:	<p>MSGSHTPACG PFSALTPSIW PQEILAKYTQ KEESAEQPEF YYDEFGFRVY KEEGDEPGSS</p> <p>LLANSPLMED APQRLRWQAH LEFTHNHDVG DLTWDKIAVS LPRSEKLRS� VLAGIPHGMR</p> <p>PQLWMRLSGA LQKKRNSELS YREIVKNSSN DETIAAKQIE KDLLRTMPN ACFASMGSG</p> <p>VPRLRRVLRA LAWLYPEIGY CQGTGMVAAC LLLFLEEEDA FWMMSAIED LLPASYFSTT</p> <p>LLGVQTDQRV LRHLIVQYLP RLDKLLQEHD IELSLITLHW FLTAFASVVD IKLLLRWDL</p> <p>FFYEGSRVLF QLTGLMLHLK EEELIQSENS ASIFNTLSDI PSQMEDAELL LGVAMRLAGS</p> <p>LTDVAVETQR RKHLAYLIAD QGQLLGAGTL TNLSQVRRR TQRRKSTITA LLFGEDDLEA</p> <p>LKAKNIQTE LVADLREAIL RVARHFQCTD PKNCSVELTP DYSMESHQRD HENYVACSRS</p> <p>HRRRAKALLD FERHDDDELG FRKNDIITIV SQKDEHCWVG ELNGLRGWFP AKFVEVLDER</p> <p>SKEYSIAGDD SVTEGVTDLV RGTLCPALK LFEHGLKKPS LLGGACHPWL FIEEAAGREV</p> <p>ERDFASVYSR LVLCKTFRLD EDGKVLTP EE LLYRAVQSVN VTHDAVHAQM DVKLRSLICV</p> <p>GLNEQVLHLW LEVLCSSLPT VEKQWQPWSF LSPGWVQIK CELRVLCFA FLSQDWELP</p>

Product Details

AKREAQQPLK EGVRDMLVKH HLFSDVDVG **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:

- 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: SGSM3

Alternative Name: SGSM3 ([SGSM3 Products](#))

Background: Small G protein signaling modulator 3 (Merlin-associated protein) (RUN and TBC1 domain-containing protein 3) (Rab-GTPase-activating protein-like protein) (RabGAPLP),FUNCTION: May play a cooperative role in NF2-mediated growth suppression of cells.
{ECO:0000269|PubMed:15541357}.

Molecular Weight: 85.4 kDa

UniProt: [Q96HU1](#)

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