

Datasheet for ABIN7555440
SGIP1 Protein (AA 1-828) (His tag)



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Overview

Quantity:	1 mg
Target:	SGIP1
Protein Characteristics:	AA 1-828
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGIP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SGIP1 Protein expressed in mammalian cells.
Sequence:	<p>MMEGLKKRTR KAFGIRKKEK DTDSTGSPDR DGIQPSPEP PYNSKAECAR EGGKKVSKKS</p> <p>NGAPNGFYAE IDWERYNSPE LDEEGYSIRP EEPGSTKGKH FYSSSESEEE EESHKKFNIK</p> <p>IKPLQSKDIL KNAATVDELK ASIGNIALSP SPVRKSPRRS PGAIKRNLSS EEVARPRRST</p> <p>PTPELISKKP PDDTTALAPL FGPPLESAFD EQKTEVLLDQ PEIWGSGQPI NPSMESPKLT</p> <p>RPFPTGTPPP LPPKNVPATP PRTGSPLTIG PGNDQSATEV KIEKLPSIND LDSIFGPVLS</p> <p>PKSVAVNAEE KWWHFSDTSP EHVTPELTTPR EKVVSPPATP DNPADSPAPG PLGPPPGTGP</p> <p>PGPPGPPRNV LSPLNLEEVQ KKVAEQTFIK DDYLETISSP KDFGLGQRAT PTPPPPTYR</p> <p>TVVSSPGPGS GPGPGTTSGA SSPARPATPL VPCRSTTPPP PPRPPSRPK LPPGKPGVGD</p> <p>VSRPFSPPIH SSSPPPIAPL ARAESTSSIS STNSLSAATT PTVENEQPSL VWFDRGKFYL</p> <p>TFEGSSRGPS PLTMGAQDTL PVAAFTETV NAYFKGADPS KCIVKITGEM VLSFPAGITR</p> <p>HFANNPSPAA LTFRVINFSR LEHVLNPQL LCCDNTQNDA NTKEFWVNMP NLMTHLKKVS</p> <p>EQKPQATYYN VDMLKYQVSA QGIQSTPLNL AVNWRCEPSS TDLRIDYKYN TDAMTTAVAL</p>

Product Details

NNVQFLVPID GGVTKLQAVL PPAVWNAEQQ RILWKIPDIS QKSENGGVGS LLARFQLSEG
PSKPSPLVVQ FTSEGSTLSG CDIELVGAGY RFSLIKRFAGKYLADN **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: SGIP1

Alternative Name: SGIP1 ([SGIP1 Products](#))

Background: SH3-containing GRB2-like protein 3-interacting protein 1 (Endophilin-3-interacting protein),FUNCTION: May function in clathrin-mediated endocytosis. Has both a membrane binding/tubulating activity and the ability to recruit proteins essential to the formation of functional clathrin-coated pits. Has a preference for membranes enriched in phosphatidylserine and phosphoinositides and is required for the endocytosis of the transferrin receptor. May also bind tubulin. May play a role in the regulation of energy homeostasis.

Target Details

	{ECO:0000250 UniProtKB:Q8VD37}.
Molecular Weight:	89.1 kDa
UniProt:	Q9BQI5
Pathways:	Feeding Behaviour

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