

Datasheet for ABIN7564738

SGIP1 Protein (AA 1-806) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SGIP1
Protein Characteristics:	AA 1-806
Origin:	Mouse
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 DGMQPSPEP PYHСКАЕCАR EGGKKASKKS</p> <p>NGAPNGFYAE IDWERYNSPE LDEEGYSIRP EEPGSTKGKH FYSSSESEEE EESHKKFNIK</p> <p>IKPLQSKDVL KNAATVDELK ASIGNIALSP SPVRKSPRRS PGAIKRNLSS EEVARPRRST</p> <p>PTPELTSKPP LDDTLALAPL FGPPLESAFD EQKTEVLLDQ PEIWGSGQPM NPSTESPELA</p> <p>RPFPTGTPPP LPPKTVPATP PRTGSPLTVA TGNDQAATEA KIEKLPSISD LDSIFGPVLS</p> <p>PKSVAVNTEE KWWHFSDASP EHVTPELTPR EQVVTPPAAS DIPADSPAPA PPGPTGSAGP</p> <p>PGPPGPRHVP SPLNLEEVQK KVAEQTFIKD DYLETLSPPK ECGLGQRATP PPPPPPTYRT</p> <p>VVSSPGPGSG SGTGTTSGAS SPARPATPLV PCSTTPPPPP PRPPSRPKLP PGKPGVGDVS</p> <p>RPFSPIHSS SPPIAPLAR AESTSSISST NSLSAATTPT VGSSRGPSPL TMGAQDTLPV</p> <p>AAFTETVNA YFKGADPSKC IVKITGEMVL SFPAGITRHF ANNPSPAALT FRVNVSSRLE</p> <p>HVLPNPQLLC CDNTQNDANT KEFWVNMPNL MTHLKKVSEQ KPQATYYNVD MLKYQVSAQG</p> <p>IQSTPLNLAV NWRCEPASTD LRIDYKYNTD AMSTAVALLN VQFLVPIDGG VTKLQAVLPP</p>

Product Details

AVWNAEQQRI LWKIPDISQK SENGGVGSLL ARFQLSEGPS KPSPLVVQFT SEGSTLSGCD
IELVGAGYRF SLIKKRFAAG KYLADN **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.
{ECO:0000269|PubMed:17626015, ECO:0000269|PubMed:21747946}.

Target Details

Molecular Weight:	86.1 kDa
UniProt:	Q8VD37
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