

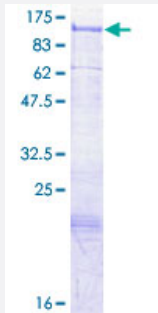
Full-Length

SGIP1 (Human) Recombinant Protein (P01)

Catalog # H00084251-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human SGIP1 full-length ORF (AAH40516.1, 1 a.a. - 859 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMEGLKKRTRKAFGIRKKEKDTDSTGSPDRDGIQGGKKKTQKTQLLLTSFFWLRALSLTSQKKSN
GAPNGFYAEIDWERYNSPELDEEGYSIRPEEPGSTKGKHFYSSSEEEEEESHKKFNIKPLQSK
DILKNAATVDELKASIGNIALSPSPVRKSPRRSQGAIKRNLSSSEVARPRRSTPTPELISKPPDDT
TALAPLFGPPLESAFDEQKTEVLLDQPEWGSQGQPINPSMESPKLTRPFPTGTPPPLPPKNVPAT
PPRTGSPLTIGPGNDQSATEVKIEKLPSINDLDSIFGPVLSPKSVAVNAEEKWVHFSDTSPEHVTP
ELTPREKVVSPATPDNPADSPAGPLGPPGPTGPPGPPGPPRNVLSPLNLEEVQKKVAEQTFI
KDDYLETISPKDFGLGQRATPPPPPPPTTYRTVVSSPGPGSGPGPGTSDGKTEAQRYQVICPSL
QAGGNELDSYSGASSPARPATPLVPCRSTTPPPPPRPPSRPKLPPGKPGVGDVSRPFSPIHS
SSPPPIAPLARAESTSSISSTNSLSAATTPTVENEQPSLVWFDRGKFYLTFFEGSSRGPSPLTMGA
QDTLPVAAAFTETVNAYFEGADPSKIVKITGEMVLSFPAGITRHFANNPSAALTFRVINFSRLEH
VLPNPQLCCDNTQNDANTKEFWVNMPNLMTHLKKVSEKQPKQATYYNVDMKYQVSAQGIQSTP
LNLAVNWRCEPSSDRLRIDYKYNTDAMTTAVALNNVQFLVPIDGGVTKLQAVLPPAVWNAEQQRIL
WKIPDISQKSENGGVGSLARFQLSEGPSKPSPLVVQFTSEGSTLSGCDIELVGAGYRFSLIKRRF
AAGKYLADN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

119.1

Interspecies Antigen Sequence

Mouse (86)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SGIP1

Entrez GeneID	84251
GeneBank Accession#	BC040516.1
Protein Accession#	AAH40516.1
Gene Name	SGIP1
Gene Alias	DKFZp686A16142, DKFZp761D221, FLJ33378, FLJ43054
Gene Description	SH3-domain GRB2-like (endophilin) interacting protein 1
Omim ID	611540
Gene Ontology	Hyperlink
Gene Summary	SGIP1 functions as an endocytic protein that affects signaling by receptors in neuronal systems involved in energy homeostasis via its interaction with endophilins (see SH3GL3; MIM 603362) (Tre vaskis et al., 2005 [PubMed 15919751] and Uezu et al., 2007 [PubMed 17626015]).[supplied by OMIM]

Other Designations

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Disease

- [Alcoholism](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Myocardial Infarction](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)