Recombinant Human SGSM3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SGSM3-4819H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SGSM3 MS Standard C13 and N15-labeled recombinant protein (NP_056520) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SGSM3 (Small G Protein Signaling Modulator 3) is a Protein Coding gene. Diseases associated with SGSM3 include Perianal Hematoma. Among its related pathways are Ectoderm Differentiation. Gene Ontology (GO) annotations related to this gene include GTPase activator activity and Rab GTPase binding. An important paralog of this gene is TBC1D9B.
Molecular Mass	85.4 kDa
AA Sequence	MSGSHTPACGPFSALTPSIWPQEILAKYTQKEESAEQPEFYYDEFGFRVYKEEGDE PGSSLLANSPLMEDAPQRLRWQAHLEFTHNHDVGDLTWDKIAVSLPRSEKLRSLVL AGIPHGMRPQLWMRLSGALQKKRNSELSYREIVKNSSNDETIAAKQIEKDLLRTMPS NACFASMGSIGVPRLRRVLRALAWLYPEIGYCQGTGMVAACLLLFLEEEDAFWMMS AIIEDLLPASYFSTTLLGVQTDQRVLRHLIVQYLPRLDKLLQEHDIELSLITLHWFLTAF ASVVDIKLLLRIWDLFFYEGSRVLFQLTLGMLHLKEEELIQSENSASIFNTLSDIPSQM EDAELLLGVAMRLAGSLTDVAVETQRRKHLAYLIADQGQLLGAGTLTNLSQVVRRRT QRRKSTITALLFGEDDLEALKAKNIKQTELVADLREAILRVARHFQCTDPKNCSVELT

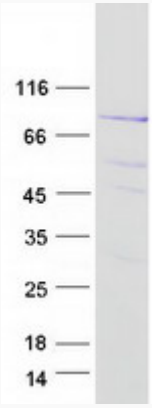
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	PDYSMESHQRDHENYVACSRSHRRRAKALLDFERHDDDELGFRKNDIITIVSQKDE HCWVGELNGLRGWFPAKFVEVLDERSKEYSIAGDDSVTEGVTDLVRGTLCPALKAL FEHGLKKPSLLGGACHPWLFIEEAAGREVERDFASVYSRLVLCKTFRLDEDGKVLTP EELLYRAVQSVNVTHDAVHAQMDVKLRSLICVGLNEQVLHLWLEVLCSSLPTVEKW YQPWSFLRSPGWVQIKCELRVLCCFAFSLSQDWELPAKREAQQPLKEGVRDMLVK HHLFSWDVDGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SGSM3 small G protein signaling modulator 3 [Homo sapiens (human)]
Official Symbol	SGSM3
Synonyms	SGSM3; small G protein signaling modulator 3; RUN and TBC1 domain containing 3, RUTBC3; DJ1042K10.2; RabGAP 5; RABGAP5; RUN and SH3 containing 3; RUSC3; rabGAPLP; merlin binding protein; merlin-associated protein; RUN and TBC1 domain containing 3; RUN and TBC1 domain-containing protein 3; rab-GTPase-activating protein-like protein; small G protein signaling modulator 3 protein; MAP; RUTBC3; RabGAP-5; DKFZp761D051;

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Gene ID	27352
mRNA Refseq	NM_015705
Protein Refseq	NP_056520
MIM	610440
UniProt ID	Q96HU1
SDS-PAGE	

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