

Recombinant Human SGSM3 protein, His-tagged

Cat. No. SGSM3-3129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SGSM3 protein(1-210 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-210 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSGSHTPACGPFSALTPSIWPQEILAKYTQKEESAEQPEFYDEFGRVYKEEGDE PGSSLLANSPLMEDAPQRLRWQAHLFTHNHDVGDLTWDKIAVSLPRSEKLRSVL AGIPHGMRPQLWMRLSGALQKKRNSELSYREIVKNSSNDETIAAKQIEKDLLRTMPS NACFASMSGSIGVPRLLRRVLRALAWLYPEIGYCQGTGMVAAC
Purity	98%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	SGSM3 small G protein signaling modulator 3 [Homo sapiens]
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;
Gene ID	27352
mRNA Refseq	NM_015705
Protein Refseq	NP_056520
MIM	610440
UniProt ID	Q96HU1

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