

Recombinant Human SGSM1 protein, GST-tagged

Cat. No. SGSM1-3018H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SGSM1 (699-838 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn699-Asn838
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	NESSQSCSSGRQNIRLHSDSSSSTQVFESVDEVEQVEAEGRLKQPKIPNGNLVN GTCSPDSGHPSSHNFSSGLSEHSEPSLSTEDSVLDAQRNTPTVLRPRDGSVDDRQ SSEATTSQDEAPREELAVQDSLESDDLAN
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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	SGSM1 small G protein signaling modulator 1 [Homo sapiens]
Official Symbol	SGSM1
Synonyms	SGSM1; small G protein signaling modulator 1; RUN and TBC1 domain containing 2 , RUTBC2; KIAA1941; RUN and TBC1 domain containing 2; RUN and TBC1 domain-containing protein 2; small G protein signaling modulator 1 protein; RUTBC2; MGC133298;
Gene ID	129049
mRNA Refseq	NM_001039948
Protein Refseq	NP_001035037
MIM	611417
UniProt ID	Q2NKQ1