

Recombinant Human STIM1 protein, His-tagged

Cat. No. STIM1-0415H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human STIM1 protein(2-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-350 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	DVCVRLALWLLWGLLLHQQQLSHSHSEKATGTSSGANSEESTAAEF CRIDKPLCH SEDEKLSFEAVRNIHKLMDDDANGDVDVEESDEFLREDLNYHDPTVKHSTFHGEDK LISVEDLWKAWKSSEVYNWTVDEVVQWLITYVELPQYEETFRKLQLSGHAMPR LAV TNTTMTGTVLKMTDRSHRQKLQKALD TVLFGPPLLTRHNHLKDFMLVVSIVIGVGG CWFAYIQNRYSKEHMKMMKDLEGLHRAEQLHDLQERLHKAQEEHRTVEVEKVH LEKKLRDEINLAKQEAQRLKELREGTENERSRQKYAEEELEQVREALRKAKEKESH SSWYAPEALQKW
Purity	85%, 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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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.

GENE INFORMATION

Gene Name STIM1 stromal interaction molecule 1 [Homo sapiens]

Official Symbol STIM1

Synonyms STIM1; stromal interaction molecule 1; D11S4896E; GOK; STIM1L;

Gene ID 6786

mRNA Refseq NM_003156

Protein Refseq NP_003147

MIM 605921

UniProt ID Q13586

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