

Recombinant Human STIM1 protein, His-tagged

Cat. No. STIM1-3208H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human STIM1 protein(NP_003147.2)(Met 1-Asp 213) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-213 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human STIM1 consists of 202 amino acids and predicts a molecular mass of 23.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh STIM1 is approximately 33-38 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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

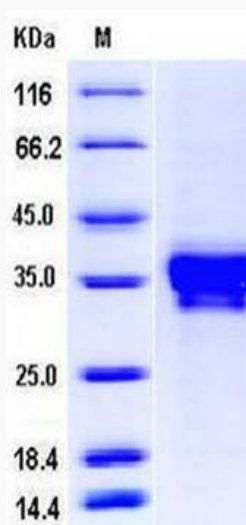
mRNA Refseq NM_003156

Protein Refseq NP_003147

MIM 605921

UniProt ID Q13586

SDS-PAGE



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