

Recombinant Human STIM1 protein(Met1-Asp213), His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human STIM1 (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 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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

 Tel: 1-631-559-9269 1-516-512-3133

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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