Recombinant Human STIM2 Protein, His-tagged

Cat. No. STIM2-005H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STIM2 Protien(NP_001162588)(525-674 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	525-674 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	EKICGFQIAHNSGLPSLTSSLYSDHSWVVMPRVSIPPYPIAGGVDDLDEDTPPIVSQF PGTMAKPPGSLARSSSLCRSRRSIVPSSPQPQRAQLAPHAPHPSHPRHPHHPQHT PHSLPSPDPDILSVSSCPALYRNEEEEEAIYFSAEKQ
Purity	90%, 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.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage.

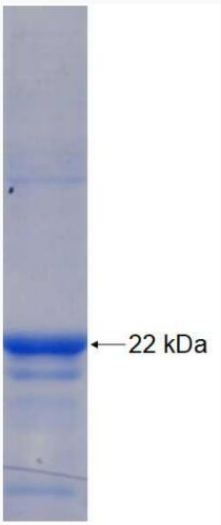
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name	STIM2 stromal interaction molecule 2 [Homo sapiens]
Official Symbol	STIM2
Synonyms	STIM2; stromal interaction molecule 2; FLJ39527; KIAA1482;
Gene ID	57620
mRNA Refseq	NM_001169117
Protein Refseq	NP_001162588
MIM	610841
UniProt ID	Q9P246

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