Recombinant Human STIM2 Protein, MYC/DDK-tagged

Cat. No. STIM2-2885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STIM2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene is a member of the stromal interaction molecule (STIM) family and likely arose, along with related family member STIM1, from a common ancestral gene. The encoded protein functions to regulate calcium concentrations in the cytosol and endoplasmic reticulum, and is involved in the activation of plasma membrane Orai Ca(2+) entry channels. This gene initiates translation from a non-AUG (UUG) start site. A signal peptide is cleaved from the resulting protein. Multiple transcript variants result from alternative splicing.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	82.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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