Recombinant Human STIMATE Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STIMATE-6046H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMEM110 MS Standard C13 and N15-labeled recombinant protein (NP_940965) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	STIMATE (STIM Activating Enhancer) is a Protein Coding gene. Diseases associated with STIMATE include Ascaridiasis and Stormorken Syndrome. An important paralog of this gene is STIMATE-MUSTN1.
Molecular Mass	33.2 kDa
AA Sequence	MQGPAGNASRGLPGGPPSTVASGAGRCESGALMHSFGIFLQGLLGVVAFSTLMLK RFREPKHERRPWRIWFLDTSKQAIGMLFIHFANVYLADLTEEDPCSLYLINFLLDATV GMLLIYVGVRAVSVLVEWQQWESLRFGEYGDPLQCGAWVGQCALYIVIMIFEKSVV FIVLLILQWKKVALLNPIENPDLKLAIVMLIVPFFVNALMFWVVDNFLMRKGKTKAKLE ERGANQDSRNGSKVRYRRAASHEESESEILISADDEMEESDVEEDLRRLTPLKPVK KKKHRFGLPVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	STIMATE STIM activating enhancer [Homo sapiens (human)]
Official Symbol	STIMATE
Synonyms	STIMATE; STIM activating enhancer; TMEM110; store-operated calcium entry regulator STIMATE; STIM-activating enhancer encoded by TMEM110; transmembrane protein 110
Gene ID	375346
mRNA Refseq	NM_198563
Protein Refseq	NP_940965
MIM	617189
UniProt ID	Q86TL2

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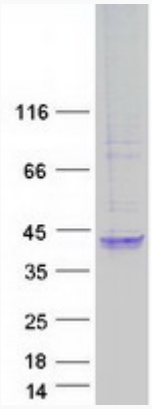
SDS-PAGE	

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