

# Human STIM1 Recombinant Protein



RPPB4845

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## Product Information    Protein Information

**Product SKU:**

RPPB4845

**Accession:**

Q13586

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant STIM1 produced in E.Coli is a single, non-glycosylated polypeptide chain (aa 23-213) containing a total of 343 amino acids and having a molecular mass of 38kDa. STIM1 is fused to a 152 aa Calmodulin tag at N-terminus and purified by conventional chromatography techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Stromal interaction molecule 1, GOK, D11S4896E, STIM-1, STIM1.

**Formulation:**

The STIM1 protein solution (1mg/ml) contains 20mM Tris-HCl pH-7.5.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTEAELQ DMINEVDADG NGTIDFPEFL  
TMMARKMKDT DSEEEIREAF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGDGQVNYE  
EFVQMMTAKG SMLSHSHSEK ATGTSSGANS EESTAAEFGR IDKPLCHSED EKLSFEAVRN IHKLMDDAN  
GDVDVEESDE FLREDLNYHD PTVKHSTFHG EDKLISVEDL WKAWKSSEVY NWTVDEVVQW LITYVELPQY  
EETFRKLQLS GHAMPRLAVT NTTMTGTVLK MTDNRSHRQKL QLKALDTVLF GPPLLTRHNNH LKD.