

Product datasheet for **TP311968**

SIT (SIT1) (NM_014450) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human signaling threshold regulating transmembrane adaptor 1 (SIT1), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC211968 protein sequence
Red=Cloning site **Green**=Tags(s)

MNQADPRLRAVCLWTLTSAAMSRGDNCTDLLALGIPSITQAWGLWVLLGAVTLLFLISLAAHLSQWTRGR
SRSHPGQGRSGESVEEVPLYGNLHYLQTGRLSQDPEPDQQDPTLGGPARAAEEVMCYTSLQLRPPQGRIP
GPGTPVKYSEVLDSEPKSQASGPEPELYASVCAQTRRARASFPDQAYANSQPAAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 20.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_055265](#)

Locus ID: 27240

UniProt ID: [Q9Y3P8](#)



[View online »](#)

RefSeq Size: 1238

Cytogenetics: 9p13.3

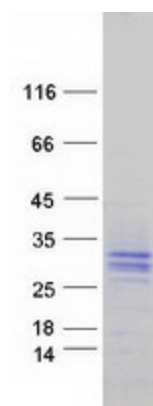
RefSeq ORF: 588

Synonyms: SIT; SIT-R

Summary: Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells. Involved in positive selection of T-cells.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified SIT1 protein (Cat# TP311968). The protein was produced from HEK293T cells transfected with SIT1 cDNA clone (Cat# [RC211968]) using MegaTran 2.0 (Cat# [TT210002]).