

Recombinant Human SIT1, His-tagged

Cat. No. SIT1-30868TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, of Human SIT with N terminal His tag; 156 amino acids, 16.9 kDa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	135 amino acids
Description	Signaling threshold-regulating transmembrane adapter 1 is a protein that in humans is encoded by the SIT1 gene.
Conjugation	HIS
Molecular Weight	16.900kDa inclusive of tags
Tissue specificity	Specifically expressed in T- and B-cells. Present in plasma cells but not in germinal center B-cells (at protein level). Expressed in T- and B-cell lymphoma.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 20% Glycerol

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMHL SQWTRGRSRSHPGQGRSGESVEEVPLYGNL HYLQTGRLSQDPEPDQQDPTLGGPARAAEEVMCYTSLQLRPPQGRIPGPGTPVKY SEVVLDSEPKSQASGPEPELYASVCAQTRRARASFPDQAYANSQPAAS
GENE INFORMATION	
Gene Name	SIT1 signaling threshold regulating transmembrane adaptor 1 [Homo sapiens]
Official Symbol	SIT1
Synonyms	SIT1; signaling threshold regulating transmembrane adaptor 1; suppression inducing transmembrane adaptor 1; signaling threshold-regulating transmembrane adapter 1; SHP2 interacting transmembrane adaptor; SIT;
Gene ID	27240
mRNA Refseq	NM_014450
Protein Refseq	NP_055265
MIM	604964
Uniprot ID	Q9Y3P8
Chromosome Location	9p13-p12
Pathway	T Cell Receptor Signaling Pathway, organism-specific biosystem;

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Function

SH2 domain binding; kinase binding; protein binding;

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