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32-7270: Recombinant Human Signaling Threshold-Regulating TM Adapter 1/SIT1 (N-6His)(Discontinued)

Gene : SIT1
Gene ID : 27240
Uniprot ID : Q9Y3P8

Description

Source: E.coli.
MW :17.65kD.
Recombinant Human SIT1 is produced by our E.coli expression system and the target gene encoding Gln65-Ser196 is expressed with a 6His tag at the N-terminus. Signaling Threshold-Regulating Transmembrane Adapter 1 (SIT1) is a single-pass type I membrane protein and specifically expressed in T- and B-cells. SIT1 interacts with PTPN11/SHP2, GRB2 and CSK, when it is phosphorylated. SIT1 negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cell. In addition, SIT1 is involved in positive selection of T-cells.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 250mM Nacl, 2mM EDTA, pH 8.0 .
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MGSSHHHHHHSSGLVPRGSHMQWTRGRSRSHPGQGRSGESVEEVPLYGNLHYLQTGRLSQDPEPDQQDPT LGGPARAAEEVMCYTSLQLRPPQGRIPGPGTPVKYSEVVLDSEPKSQASGPEPELYASVCAQTRRARASFPDQA YANSQPAASLEHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.