

Signaling Threshold Regulating Transmembrane Adaptor 1 Human Re-

Item Number	rAP-4501
Synonyms	Signaling threshold-regulating transmembrane adapter 1, SHP2-interacting transmembrane adapter protein, Suppression-inducing transmembrane adapter 1, gp30/40, SIT1, SIT, RP11-331F9.5, MGC125908, MGC125909, MGC125910.
Description	SIT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 156 amino acids (62-196 a.a.) and having a molecular mass of 16.9kDa (Molecular weight on SDS-PAGE will appear higher).SIT1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary
Uniprot Accession Number	Q9Y3P8
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MHLSQWTRGR SRSHPGQGRS GESVEEVPLY GNLHYLQTGR LSQDPEPDQQ DPTLGGPARA AEEVMCYTSL QLRPPQGRIP GPGTPVKYSE VVLDSEPKSQ ASGPE- PELYA SVCAQTRRAR ASFPDQAYAN SQPAAS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	SIT1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**