

Stress-Induced-Phosphoprotein 1 Human Recombinant, His Tag

Item Number	rAP-4853
Synonyms	HOP, P60, STI1, STI1L, IEF-SSP-3521, STIP1, Stress-induced-phosphoprotein 1, Hsc70/Hsp90-organizing protein, Transformation-sensitive protein IEF SSP 3521, Renal carcinoma antigen NY-REN-11.
Description	Recombinant Human STIP1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 563 amino acids (1-543 a.a) and having a molecular mass of 64.8kDa. STIP1 is fused to a 20 amino acid His-Tag at N-terminus and purified by conventional chromatography techniques.
Uniprot Accesion Number	P31948
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MEQVNELKEK GNKALSVGNI DDALQCYSEA IKLDPHNHVL YSNR-SAAYAK KGDYQKAYED GCKTVDLKPDWGKGYSRKAA ALEFLNRFEE AKRTYEEGLK HEANNPQLKE GLQNMEARLA ERKFMNPFNM PNLYQKLESD PRTRLLSDP TYRELIEQLRNKPSDLGTKL QDPRIMTTLS VLLGVDLGSMD EEEEEIATPP PPPPPKKETK PEPMEEDLPE NKKQALKEKE LGNDAYKKKD FDTALKHYDKAKELDPTNMT YITNQAAYVF EKG DYNKCRE LCEKAIEVGR EN-REDYRQIA KAYARIGNSY FKEEKYKDAI HFYNKSLAEH TPDVLKCCQQA EKILKEQE RLAYINPDLA
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	The STIP1 protein solution (1mg/ml) contains 20mM Tris-HCl, pH-8, 1mM DTT, 1mM EDTA, 0.2mM PMSF 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**