

Stress-Induced-Phosphoprotein 1 Recombinant Protein | STIP1 recombinant protein

Recombinant Human Stress-Induced-Phosphoprotein 1

CATALOG # AAA38650	HOST E Coli
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PRODUCT SYNONYMS

Stress-Induced-Phosphoprotein 1; Recombinant Human Stress-Induced-Phosphoprotein 1; STIP1 Human; Stress-Induced-Phosphoprotein 1 Human Recombinant; 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; STIP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The STIP1 protein solution (1mg/ml) contains 20mM Tris-HCl, pH-8, 1mM DTT, 1mM EDTA, 0.2mM PMSF and 20% Glycerol. Sterile filtered colorless solution.
Concentration	1mg/ml (varies by lot)
Sequence	MGSSHHH HHHSSGLVPR GSHMEQ VNELKEKGNK ALSVGNIDDA LQCYSEAIKL DPHNHVLYSN RSAAYAKKGD YQKAYEDGCK TVDLKPDWKG GYSRKAAALE FLNRFEEAKR TYEEGLKHEA NNPQLKEGLQ NMEARLAERK FMNPFNMPNL YQKLESDPRT RTLLSDPTYR ELIEQLRNKP SDLGTKLQDP RIMTTLSVLL GVDLGSMDEE EEIATPPPPP PPKKETKPEP MEEDLPENKK QALKEKELGN DAYKKKDFDT ALKHYDKAKE LDPTNMTYIT NQAAVYFEKG DYNKCRELCE KAIEVGRENK EDYRQIAKAY ARIGNSYFKE EKYKDAIHFY NKSLAEHTPD VLKKCQQAQK ILKEQERLAY INPDALALEEK NKGNECFQKG DYPQAMKHYT EAIKRNPKDA KLYSNRAACY TKLLEFQLAL KDCEECQLEP TFIKGYTRKA AALEAMKDYT KAMDVYQKAL DLDSSCKEAA DGYQRCMMAQ YNRHDSPELV KRRAMADPEV QQIMSDPAMR LILEQMOKDP QALSEHLKNP VIAQIKQLM DVGLIAIR
Sequence Length	590
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for STIP1 recombinant protein	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. Introduction: STIP1 is an adaptor protein that mediates the functions of HSP70 & HSP90 in protein folding. STIP1 supports the transfer of proteins from HSP70 to HSP90 by binding together HSP90 and substrate-bound HSP70. STIP1 stimulates the ATPase activity of HSP70 and inhibits the ATPase activity of HSP90, suggesting that it regulates both the conformations and ATPase cycles of these chaperones. STIP1 genetic variations are involved in regulating corticosteroid response in asthmatic subjects with reduced lung function.
Product Categories/Family for STIP1 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	544063423
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NCBI GeneID	10963
NCBI Accession #	NP_001269581.1
NCBI GenBank Nucleotide #	NM_001282652.1
UniProt Accession #	P31948; Q3ZCU9; Q5TZU9; B4DM70; F5H0T1; G3XAD8
Molecular Weight	59,778 Da
NCBI Official Full Name	stress-induced-phosphoprotein 1 isoform a
NCBI Official Synonym Full Names	stress-induced phosphoprotein 1
NCBI Official Symbol	STIP1
NCBI Official Synonym Symbols	HOP; P60; STI1; STI1L; HEL-S-94n; IEF-SSP-3521
NCBI Protein Information	stress-induced-phosphoprotein 1; Hsp70/Hsp90-organizing protein; NY-REN-11 antigen; epididymis secretory sperm binding protein Li 94n; hsc70/Hsp90-organizing protein; renal carcinoma antigen NY-REN-11; transformation-sensitive protein IEF SSP 3521
UniProt Protein Name	Stress-induced-phosphoprotein 1
UniProt Gene Name	STIP1
UniProt Synonym Gene Names	STI1; Hop
UniProt Entry Name	STIP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/stip1-recombinant-protein-e-coli/38650>