

## 32-13458: STIP1 Human

### Alternative Name :

Stress Induced Phosphoprotein 1, Transformation-Sensitive Protein IEF SSP 3521, Renal Carcinoma Antigen NY-REN-11, Stress-Induced-Phosphoprotein 1, Hsp70/Hsp90-Organizing Protein, Hsc70/Hsp90-Organizing Protein, STI1, HOP, Epididymis Secretory Sperm Binding Protein Li 94n, NY-REN-11 Antigen, IEF-SSP-3521, HEL-S-94n, STI1L, P60.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

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.

STIP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 543 amino acids (1-543 a.a) and having a molecular mass of 62.6kDa.Å

### Product Info

#### Amount :

5 µg / 25 µg

#### Purification :

Greater than 95.0% as determined by SDS-PAGE.

#### Content :

STIP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.

#### Storage condition :

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.

#### Amino Acid :

MEQVNELKEK GNKALSVGNI DDALQCYSEA IKLDPHNHVL YSNRSAAYAK KGDYQKAYED GCKTVDLKPD  
WGKGYSRCAA ALEFLNRFEE AKRTYEGLK HEANNPQLKE GLQNMEARLA ERKFMNPFNM  
PNLYQKLESD PRTRTLSDP TYRELIEQLR NKPSDLGTLK QDPRIMTTLS VLLGVDLGSMD DEEEIATPP  
PPPPPKKTK PEPMEEDLPE NKKQALKEKE LGNDAYKKKD FDTALKHYDK AKELDPTNMT YITNQAAYVF  
EKGDYKCRE LCEKAIEVGR ENREDYRQIA KAYARIGNSY FKEEKYKDAI HFYNKSLAEH RTPDVLKCCQ  
QAEKILKEQE RLAYINPDLA LEEKNKGNEC FQKGDYPQAM KHYTEAIKRN PKDAKLYSNR AACYTKLLEF  
QLALKDCEEC IQLEPTFIKG YTRKAAALEA MKDYTKAMDV YQKALDLDSS CKEAADGYQR  
CMMAYQNRHD SPEDVKRRAM ADPEVQQIMS DPAMRLILEQ MQKDPQALSE HLKPNVIAQK IQKLMVDVGLI  
AIR.