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## 32-13459: STIP1 Mouse

**Alternative Name :** Hop, p60, Sti1, STI1, mSTI1, Stress-induced-phosphoprotein 1, Hsc70/Hsp90-organizing protein.

## Description

Source: Escherichia Coli.
Sterile Filtered clear 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 Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 563 amino acids (1-543) and having a molecular mass of 64.7kDa. STIP1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

## Product Info

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|---|---|
| **Amount :** | 5 µg / 20 µg |
| **Purification :** | Greater than 95% as determined by SDS-PAGE. |
| **Content :** | The STIP1 solution (1mg/ml) contains 20mM Tris-HCl(pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. |
| **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 :** | MGSSHHHHHH SSGLVPRGSH MEQVNELKEK GNKALSAGNI DDALQCYSEA IKLDPQNHVL YSNRSAAYAK KGDYQKAYED GCKTVDLKPD WGKGYSRKAA ALEFLNRFEE AKRTYEEGLK HEANNLQLKE GLQNMEARLA ERKFMNPFNL PNLYQKLEND PRTRSLLSDP TYRELIEQLQ NKPSDLGTKL QDPRVMTTLS VLLGVDLGSM DEEEEAATPP PPPPPKKEPK PEPMEEDLPE NKKQALKEKE LGNDAYKKKD FDKALKHYDR AKELDPTNMT YITNQAAVHF EKGDYNKCRE LCEKAIEVGR ENREDYRQIA KAYARIGNSY FKEEKYKDAI HFYNKSLAEH RTPDVLKKCQ QAEKILKEQE RLAYINPDLA LEEKNKGNEC FQKGDYPQAM KHYTEAIKRN PRDAKLYSNR AACYTKLLEF QLALKDCEEC IQLEPTFIKG YTRKAAALEA MKDYTKAMDV YQKALDLDSS CKEAADGYQR CMMAQYNRHD SPEDVKRRAM ADPEVQQIMS DPAMRLILEQ MQKDPQALSE HLKNPVIAQK IQKLMDVGLI AIR. |

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