

Recombinant Mouse Stip1 protein, His-tagged

Cat. No. Stip1-127M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Stip1(1-543aa) fused with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-543 a.a.
Description	Stip1, also known as stress induced phosphoprotein 1, belongs to the large group of co-chaperones. The main function of Stip1 is to link Hsp70 and Hsp90 together. Stip1 also modulates the chaperone activities of the linked proteins and possibly interacts with other chaperones and proteins. It forms a complex with HSC70 and HSPCA/HSP-86 and HSPCB/HSP-84, as well as interacting with PACRG.
Form	Liquid. In 20mM Tris-HCl(pH8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol
Molecular Mass	64.7 kDa (563aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MEQVNELKEK GNKALSAGNI DDALQCYSEA IKLDPQNHVL YSNRSAAYAK KGDYQKAYED GCKTVDLKPD WGKGYSRKA ALEFLNRFEE AKRTYEEGLK HEANNLQLKE GLQNMEARLA ERKFMNPFNL PNLYQKLEND PRTRSLLSDP TYRELIEQLQ NKPSDLGTKL QDPRVMTTLS VLLGVDLGSM DEEEEAATPP PPPPPKKEPK PEPMEEDLPE NKKQALKEKE LGNDAYKKKD FDKALKHYDR AKELDPTNMT YITNQA AVHF EKG DYNKCRE LCEKAIEVGR ENREDYRQIA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Purity > 95% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name [Stip1 stress-induced phosphoprotein 1 \[Mus musculus \]](#)

Official Symbol [Stip1](#)

Synonyms STIP1; stress-induced phosphoprotein 1; stress-induced-phosphoprotein 1; mSTI1; IEF SSP 3521; stress-inducible protein; Hsp70/Hsp90 organizing protein; hsc70/Hsp90-organizing protein; Hop; p60; Sti1;

Gene ID [20867](#)

mRNA Refseq [NM_016737](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_058017
UniProt ID	Q60864
Chromosome Location	19; 19 A
Pathway	Prion diseases, organism-specific biosystem; Prion diseases, conserved biosystem;
Function	Hsp70 protein binding; binding; chaperone binding; protein C-terminus binding;

