

Recombinant Human STIP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STIP1-1651H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STIP1 MS Standard C13 and N15-labeled recombinant protein (NP_006810) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	STIP1 is an adaptor protein that coordinates the functions of HSP70 and HSP90 in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70. STIP1 also 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.
Molecular Mass	62.6 kDa
AA Sequence	MEQVNELKEKGNKALSVGNIDDALQCYSEAIKLDPHNHVLVSNRSAAYAKKGDYQK AYEDGCKTVDLKPDWKGYSRKAALFLNRFEEAKRTYEEGLKHEANNPQLKEGL QNMEARLAERKFMNPFNMPNLYQKLESDPRTRTLSDPTYRELIEQLRNKPSDLGT KLQDPRIMTTLSVLLGVDLGSMDEEEIATPPPPPPKKETKPEPMEEDLPENKKQA LKEKELGNDAYKKKDFDTALKHYDKAKELDPTNMTYITNQAAVYFEKGDYNKCRELC EKAIEVGRENREDYRQIAKAYARIGNSYFKEEKYKDAIHFYNKSLAEHRTPDVLKKCQ QAEKILKEQERLAYINPDLALEEKNGNECFQKGDYPQAMKHYTEAIKRNPDKAKLY SNRAACYTKLLEFQLALKDCEEICQLEPTFIKGYTRKAAALEAMKDYTKAMDVYQKA

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LDLDSSCKEADGYQRCMMAQYNRHDSPELVKRRAMADPEVQQIMSDPAMRLILE
QMQKDPQALSEHLKNPVIAQKIQKLMDVGLIAIRTRTRPLEQKLISEEDLAANDILDYK
DDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name STIP1 stress-induced-phosphoprotein 1 [Homo sapiens (human)]

Official Symbol STIP1

Synonyms STIP1; stress-induced-phosphoprotein 1; HOP; Hsp70/Hsp90 organizing protein; STI1; NY-REN-11 antigen; Hsp70/Hsp90-organizing protein; hsc70/Hsp90-organizing protein; renal carcinoma antigen NY-REN-11; transformation-sensitive protein IEF SSP 3521; P60; STI1L; IEF-SSP-3521;

Gene ID 10963

mRNA Refseq NM_006819

Protein Refseq NP_006810

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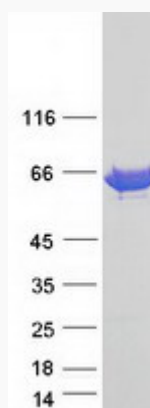
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MIM 605063

UniProt ID P31948

SDS-PAGE



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