

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

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

## SPECIFICATION

<b>Product Overview</b>	STIP1 MS Standard C13 and N15-labeled recombinant protein (NP_006810) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	62.6 kDa
<b>AA Sequence</b>	MEQVNELKEKGNKALSVGNIDDALQCYSEAIKLDPHNHVLYSNRSAAYAKKGDYQK AYEDGCKTVDLKPDWVGKGYSRKAAALEFLNRFEEAKRTYEEGLKHEANNPQLKEGL QNMEARLAERKFMNPFNMPNLYQKLESDPRTRTLLSDPTYRELIEQLRNKPSDLGT KLQDPRIMTTLSVLLGVDLGSMDEEEEIATPPPPPPKPKETKPEPMEEDLPENKKQA LKEKELGNDAYKKKDFDTALKHYDKAKELDPTNMTYITNQAQAVYFEKGDYINKCRELC EKAIEVGRENREDYRQIAKAYARIGNSYFKEEKYKDAIHFYNKSLAEHRTPDVLKCKQ QAEKILKEQERLAYINPDLALEEKNKGNECFQKGDYPQAMKHYTEAIKRNPKDAKLY SNRAACYTKLLEFQLALKDCEEICIQLEPTFIKGYTRKAAALEAMKDYTKAMDVYQKA

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LDLDSSCKEAADGYQRCMMAQYNRHDSPELVKRRAMADPEVQQIMSDPAMRLILE  
 QMQKDPQALSEHLKNPVIAQKIQKLMVDVGLIAIRTRTRPLEQKLISEEDLAANDILDYK  
 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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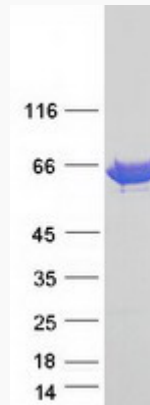
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MIM 605063

UniProt ID P31948

SDS-PAGE



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