

Recombinant Human STIP1 Protein, His-tagged

Cat. No. STIP1-020H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length human STIP1 protein (2-543) with a N-terminally Histidine tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-543
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.
Form	50 mM HEPES, pH 8.0, with 150 mM sodium chloride
Molecular Mass	65 kDa
Purity	≥95% estimated by SDS-PAGE
Stability	≥ 1 year
Storage	Store at -80 centigrade

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Shipping Dry ice in continental US; may vary elsewhere

GENE INFORMATION

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

Official Symbol [STIP1](#)

Synonyms STIP1; stress induced phosphoprotein 1; HOP; P60; STI1; STI1L; HEL-S-94n; IEF-SSP-3521; stress-induced-phosphoprotein 1; Hsp70/Hsp90-organizing protein; NY-REN-11 antigen; epididymis secretory sperm binding protein Li 94n; hsc70/Hsp90-organizing protein; renal carcinoma antigen NY-REN-11; transformation-sensitive protein IEF SSP 3521

Gene ID [10963](#)

mRNA Refseq [NM_001282652](#)

Protein Refseq [NP_006810](#)

MIM [605063](#)

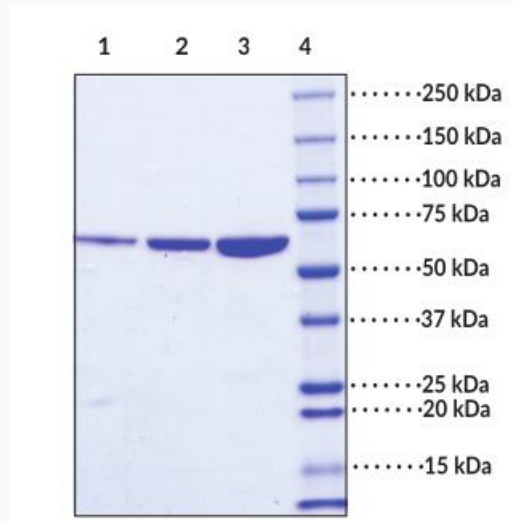
UniProt ID [P31948](#)

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**SDS-PAGE analysis
of STIP1.**



Lane 1: STIP1 (1 g)

Lane 2: STIP1 (2 g)

Lane 3: STIP1 (4 g)

Lane 4: MW Markers

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