Recombinant Human STIP1 Protein, DDK-tagged

Cat. No. STIP1-252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STIP1 fused with DDK tag at C-terminal was expressed in in Sf9 cells.
Species	Human
Source	Sf9 Cells
Description	STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) 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 (Song and Masison, 2005 [PubMed 16100115]).
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol. Store at -80centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	62.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	STIP1 stress-induced-phosphoprotein 1 [Homo sapiens]
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
MIM	605063
UniProt ID	P31948

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