Recombinant Human STIP1 Protein, MYC/DDK-tagged

Cat. No. STIP1-2964H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STIP1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	62.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

Gene Name	STIP1 stress-induced-phosphoprotein 1 [Homo sapiens]
Official Symbol	STIP1
Synonyms	HEL-S-94n; HOP; IEF-SSP-3521; P60; STI1; STI1L
Gene ID	10963
mRNA Refseq	NM_006819
Protein Refseq	NP_006810
MIM	605063
UniProt ID	P31948

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