

Recombinant Human ST13 Protein, MYC/DDK-tagged

Cat. No. ST13-1334H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Hip without tag was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is an adaptor protein that mediates the association of the heat shock proteins HSP70 and HSP90. This protein has been shown to be involved in the assembly process of glucocorticoid receptor, which requires the assistance of multiple molecular chaperones. The expression of this gene is reported to be downregulated in colorectal carcinoma tissue suggesting that it is a candidate tumor suppressor gene. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	41.3 kDa
AA Sequence	MDPRKVNELRAFVKMCKQDPSVLHTEEMRFLREWVESMGGKVPPATQKAKSEENT KEEKPDSKKVEEDLKADEPSSEESDLEIDKEGVIEPDTDAPQEMGDENAEITEEMMD QANDKKVAAIEALNDGELQKAIDLFTDAIKLNPRILYAKRASVFVKLQKPNAAIRDC DRAIEINPDSAQPYKWRGKAHRLLGHWEEAAHDLALACKLDYDEDASAMLKEVQPR AQKIAEHRRKYERKREEREIKERIERVKKAREEHERAQREEEARRQSGAQYGSFPG GFPGGMPGNFPGGMPGMGGMPGMAGMPGLNEILSDPEVLAAMQDPEVMVAFQ DVAQNPNAMSKYQSNPKVMNLISKLSAKFGGQA

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Endotoxin	< 1.0 EU per 1 µg of protein (determined by LAL method)
Purity	>90% by SDS - PAGE
Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for up to two weeks or (in aliquots) at -20 centigrade or -70 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	1.0 mg/ml (determined by Bradford assay)
Storage Buffer	Presentation State: Purified State: Liquid purified protein Buffer System: In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 0.1 M NaCl, 10% glycerol

GENE INFORMATION

Gene Name	ST13 ST13 Hsp70 interacting protein [Homo sapiens (human)]
Official Symbol	ST13
Synonyms	ST13; ST13 Hsp70 interacting protein; HIP; HOP; P48; AAG2; SNC6; HSPABP; FAM10A1; FAM10A4; HSPABP1; PRO0786; hsc70-interacting protein; Hsp70-interacting protein; aging-associated protein 2; heat shock 70kD protein binding protein; progesterone receptor-associated p48 protein; putative tumor suppressor ST13; renal carcinoma antigen NY-REN-33; suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein); suppression of tumorigenicity 13 protein; testis secretory sperm-binding protein Li 233m

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Gene ID	6767
mRNA Refseq	NM_001278589
Protein Refseq	NP_001265518
MIM	606796
UniProt ID	B4E0U6

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