

Recombinant Human ST13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ST13-5017H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ST13 MS Standard C13 and N15-labeled recombinant protein (NP_003923) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	41.2 kDa
AA Sequence	MDPRKVNELRAFVKMCKQDPSVLHTEEMRFLREWVESMGGKVPPATQKAKSEENT KEEKPDSSKKVEEDLKADEPSSEESDLEIDKEGVIEPDTDAPQEMGDENAEITEEMMD QANDKKVAAIEALNDGELQKAIDLFTDAIKLNRLAILYAKRASVFVKLQKPNAAIRDC DRAIEINPDSAQPYKWRGKAHRLLGHWEEAAHDLALACKLDYDEDASAMLKEVQPR AQKIAEHRRKYERKREEREIKERIERVKKAREEHERAQREEEARRQSGAQYGSFPG GFPGGMPGNFPGGMPGMGGMPGMAGMPGLNEILSDPEVLAAMQDPEVMVAFQ

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	DVAQNPNMSKYQSNPKVMNLISKLSAKFGGQATRTRPLEQKLISEEDLAANDILDY KDDDDKV
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	ST13 ST13 Hsp70 interacting protein [Homo sapiens (human)]
Official Symbol	ST13
Synonyms	ST13; suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein); hsc70-interacting protein; FAM10A1; HIP; HSPABP1; P48; progesterone receptor associated p48 protein; SNC6; Hsp70-interacting protein; aging-associated protein 2; putative tumor suppressor ST13; renal carcinoma antigen NY-REN-33; heat shock 70kD protein binding protein; suppression of tumorigenicity 13 protein; progesterone receptor-associated p48 protein; HOP; AAG2; HSPABP; FAM10A4; PRO0786; FLJ27260; MGC129952;
Gene ID	6767
mRNA Refseq	NM_003932

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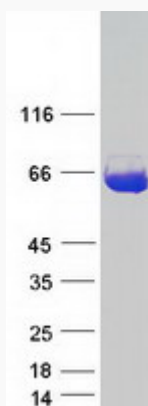
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Protein Refseq NP_003923

MIM 606796

UniProt ID P50502

SDS-PAGE



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