

# 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  
QANDKKVAAIEALNDGELQKAIDLFTDAIKLNPRLLAILYAKRASVFVKLQKPNAAIRDC  
DRAIEINPDSAQPYPKWRGKAHRLIGHWEEAAHDLALACKLDYDEDASAMLKEVQPR  
AQKIAEHRRKYERKREEREIKERIERVKKAREEHERAQREEEARRQSGAQYGSFPG  
GFPPGGMPGNFPPGGMPGMGGMPGMAGMPGLNEILSDPEVLAAMQDPEVMVAFQ

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	DVAQNPNMSKYQSNPKVMNLISKLSAKFGGQATRTRPLEQKLISEEDLAANDILDY KDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ST13 ST13 Hsp70 interacting protein [ Homo sapiens (human) ]
<b>Official Symbol</b>	ST13
<b>Synonyms</b>	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;
<b>Gene ID</b>	6767
<b>mRNA Refseq</b>	NM_003932

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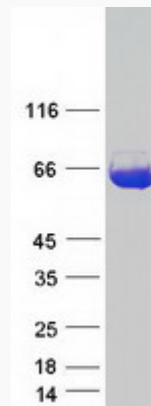
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**Protein Refseq** NP\_003923

**MIM** 606796

**UniProt ID** P50502

**SDS-PAGE**



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