

## Product datasheet for **TP320533M**

### ST13 (NM\_003932) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein) (ST13), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC220533 representing NM\_003932

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MDPRKVNELRAVFKMCKQDPSVLHTEEMRFLREWVESMGGKVPPATQKAKSEENTKEEKPDSSKVEEDLK  
ADEPSSEESDLEIDKEGVIEPDTDAPQEMGDENAEITEEMMDQANDKKVAAIEALNDGELQKAIDLFTDA  
IKLNPRLAILYAKRASVFKLQKPNAAIRDCDRAIEINPDSAQPYKWRGKAHRLLGHWEEAAHDLALACK  
LDYDEDASAMLKEVQPRAQKIAEHRRKYERKREEREIKERIERVKKAREEHERAQREEEARRQSGAQYGS  
FPGGFPGGMPGNFPGGMPGMGGGMPGMAGMPGLNEILSDPEVLAAMQDPEVMVAFQDVAQNPNANMSKYQS  
NPKVMNLISKLSAKFGGQA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 41.2 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_003923](#)



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Locus ID: 6767

UniProt ID: [P50502](#), [Q0IJ56](#), [A0A140VKA6](#)

RefSeq Size: 3214

Cytogenetics: 22q13.2

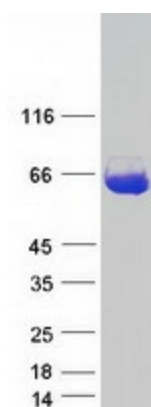
RefSeq ORF: 1107

Synonyms: AAG2; FAM10A1; FAM10A4; HIP; HOP; HSPABP; HSPABP1; P48; PRO0786; SNC6

**Summary:** 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. [provided by RefSeq, Jun 2013]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified ST13 protein (Cat# [TP320533]). The protein was produced from HEK293T cells transfected with ST13 cDNA clone (Cat# [RC220533]) using MegaTran 2.0 (Cat# [TT210002]).