

Product datasheet for **TP320533**

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), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC220533 representing NM_003932

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

Sequence:

MDPRKVNELRAVFKMCKQDPSVLHTEEMRFLREWVESMGGKVPPATQKAKSEENTKEEKPDSSKKVEEDLK
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

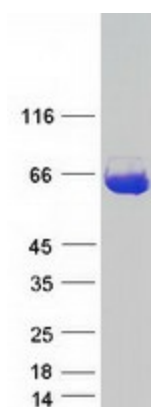
RefSeq ORF: 1107

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]).