

## Product datasheet for TP505726

### St13 (NM\_133726) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse suppression of tumorigenicity 13 (St13), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA** >MR205726 protein sequence

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

**Sequence:**

MDPRKVSELRAFVKMCRQDPSVLHTEEMRFLREWVESMGGKVPPTHKAKSEENTKEEKRDKTTEENIKT  
EELSSEESDLEIDNEGVIEPDTDAPQEMGDENAEITEEMMDEANEKKGAAIEALNDGELQKAIDLFTDAI  
KLNPRILAILYAKRASVFKLQKPNAAIRDCDRAIEINPDSAQPYKWRGKAHRLIGHWEEAAHDLALACKL  
DYDEDASAMLREVQPRAQKIAEHRRYERKREEREIKERIERVKKAREEHERAQREEEARRQSGSQYGSF  
PGGFPGGMPGNFPGGMPGMGGAMPGMAGMAGMPGLNEILSDPEVLAAMQDPEVMVAFQDVAQNPSNMSKY  
QSNPKVMNLISKLSAKFGGQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 41.7 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

**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 after receiving vials.

**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\\_598487](#)

**Locus ID:** 70356

**UniProt ID:** [Q99L47](#)



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**RefSeq Size:** 1622

**Cytogenetics:** 15 E1

**RefSeq ORF:** 1116

**Synonyms:** 1110007I03Rik; 3110002K08Rik; AW555194; HIP; HOP; HSPABP; HSPABP1; p48; PRO0786; SNC6

**Summary:** One HIP oligomer binds the ATPase domains of at least two HSC70 molecules dependent on activation of the HSC70 ATPase by HSP40. Stabilizes the ADP state of HSC70 that has a high affinity for substrate protein. Through its own chaperone activity, it may contribute to the interaction of HSC70 with various target proteins (By similarity).[UniProtKB/Swiss-Prot Function]