

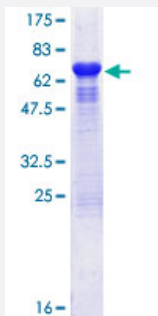
Full-Length

ST13 (Human) Recombinant Protein (P02)

Catalog # H00006767-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ST13 full-length ORF (NP_003923.2, 1 a.a. - 369 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDPRKVNELRAVFKMCKQDPSVLHTEEMRFLREWVESMGKVPATQKAKSEENTKEEKPD
KKVEEDLKADEPSSEESDLEIDKEGVIEPDTAPQEMGDENAEITEEMMDQANDKKVAAIEALN
DGELQKAIDLFTDAIKLNRLAILYAKRASVFVKLQKPNAAIRDCDRAIEINPDSAQPYKWRGKAHR
LLGHWEAAHDLALACKLDYDEDASAMLKEVQPRQAIEHRRKYERKREEREIKERIERVKKAR
EEHERAQREEEARQSGAQYGSFPGGFPGGMPGNFPGGMPGMGGMPGMAGMPGLNEILSD
PEVLAAMQDPEVMVAFQDVAQNPNAMSKYQSNPKVMNLISKLSAKFGGQA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.7

Interspecies Antigen Sequence

Mouse (92); Rat (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ST13

Entrez GeneID[6767](#)**GeneBank Accession#**[NM_003932.3](#)**Protein Accession#**[NP_003923.2](#)**Gene Name**

ST13

Gene AliasAAG2, FAM10A1, FAM10A4, FLJ27260, HIP, HOP, HSPABP, HSPABP1, MGC129952, P48, P
RO0786, SNC6**Gene Description**

suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)

Omim ID[606796](#)**Gene Ontology**[Hyperlink](#)**Gene 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 is a candidate tumor suppressor gene. [provided by RefSeq]

Other Designations

Hsp70-interacting protein|OTTHUMP00000028873|aging-associated protein 2|heat shock 70kD protein binding protein|progesterone receptor-associated p48 protein|putative tumor suppressor ST13