

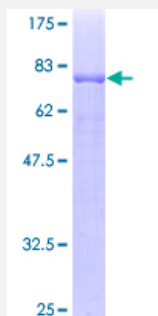
Full-Length

# TASP1 (Human) Recombinant Protein (P01)

Catalog # H00055617-P01

Size 10 ug, 25 ug

## Applications



## Specification

### Product Description

Human TASP1 full-length ORF ( AAH25266, 1 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MTMEKGMSSGEGLPSSQVSAGKITAKELETKQSYKEKRGGFVLVHAGAGYHSESKAKEYKH  
VCKRACQKAIEKLQAGALATDAVTAALVELEDSPFTNAGMGSNLNLLGEIECDASIMDGKSLNFG  
AVGALSGIKNPVSVANRLLCEGQKGKLSAGRIPPCFLVGEGAYRWAVDHGIPSCPPNIMTTRFSL  
AAFKRNKRKLELAERVDTFMQLKKRRQSSEKENDSGTLDTVGAVVVDHEGNVAAVSSGGLA  
LKHPGRVGGQAALYGCWCWAENTGAHNPYSTAVSTSGCGEHLVRTILARECSHALQAEDAHQALL  
ETMQNKFISSPFLASEDGLVGGVILRSCRCSAEPDSSQNKQTLLVEFLWSHTTESMCVGYMSA  
QDGKAKTHISRLPPGAVAGQSVAIEGGVCRLRESPVN

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

71.94

### Interspecies Antigen Sequence

Mouse (95); Rat (94)

### 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 — TASP1

Entrez GeneID [55617](#)

GeneBank Accession# [BC025266](#)

Protein Accession# [AAH25266](#)

Gene Name TASP1

Gene Alias C20orf13, FLJ20212, MGC39159, dJ585114.2

Gene Description taspase, threonine aspartase, 1

Omim ID [608270](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes an endopeptidase that cleaves specific substrates following aspartate residues. The encoded protein undergoes posttranslational autoproteolytic processing to generate alpha and beta subunits, which reassemble into the active alpha2-beta2 heterotetramer. It is required to cleave MLL, a protein required for the maintenance of HOX gene expression, and TFIIA, a basal transcription factor. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

**Other Designations** OTTHUMP00000030296|taspase 1|threonine aspartase 1