

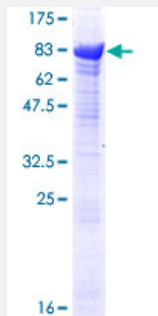
Full-Length

TRIM16 (Human) Recombinant Protein (P01)

Catalog # H00010626-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TRIM16 full-length ORF (NP_006461.3, 1 a.a. - 564 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAELDLMAPGPLPRATAQPPAPLSPDSGSPSPDSGSASPVEEEDVGSSEKLGRETEEQDSDS
AEQGDPAGEGKEVLCDFCLDDTRRVKAVKSCLTCMVNYCEEHLQPHQVNIKLQSHLLTEPVKDH
NWRYPAPHHSPLSAFCCPDQQCICQDCCQEHS GHTIVSLDAARRDKEAELQCTQLDLERKLKLN
ENASRLQANQKSVLVSVSEVKAVAEMQFGELLA AVRKAQANVMLFLEEKEQAALSQANGIKAH
LEYRSAEMEKSQELERMAAISNTVQFLEEYCKFKNTEDITFPSVYVGLKDKLSGIRKVITESTVHLI
QLLENYKKKLQEFSEKEEYDIRTQVSAVVQRKYWTSKPEPSTREQFLQYAYDITFDPD TAHKYLRL
QEENRKVTNTTPWEHPYPDLPSRFLHWRQVLSQQSLYLHRYFEVEIFGAGTYVGLTCKGIDRKG
EERNSCISGNNFSWSLQWNGKEFTAWYSDMETPLKAGPFRRLLGVYIDFPGGILSFYGV EYDTMTL
VHKFACKFSEPVYAAFWSKKENAIRVDLGEPEKPA PSLVGTAP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.4

Interspecies Antigen Sequence

Mouse (77); Rat (76)

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 — TRIM16

Entrez GeneID	10626
GeneBank Accession#	NM_006470.3
Protein Accession#	NP_006461.3
Gene Name	TRIM16
Gene Alias	EBBP
Gene Description	tripartite motif-containing 16
Omim ID	609505
Gene Ontology	Hyperlink
Gene Summary	This gene was identified as an estrogen and anti-estrogen regulated gene in epithelial cells stably expressing estrogen receptor. The protein encoded by this gene contains two B box domains and a coiled-coiled region that are characteristic of the B box zinc finger protein family. The proteins of this family have been reported to be involved in a variety of biological processes including cell growth, differentiation and pathogenesis. Expression of this gene was detected in most tissues. Its function, however, has not yet been determined. [provided by RefSeq]
Other Designations	estrogen-responsive B box protein

Publication Reference

- [Stress-primed secretory autophagy promotes extracellular BDNF maturation by enhancing MMP9 secretion.](#)

Silvia Martinelli, Elmira A Anderzhanova, Thomas Bajaj, Svenja Wiechmann, Frederik Dethloff, Katja Weckmann, Daniel E Heinz, Tim Ebert, Jakob Hartmann, Thomas M Geiger, Michael Döngi, Kathrin Hafner, Max L Pöhlmann, Lee Jollans, Alexandra Philipsen, Susanne V Schmidt, Ulrike Schmidt, Giuseppina Maccarrone, Valentin Stein, Felix Hausch, Christoph W Turck, Mathias V Schmidt, Anne-Kathrin Gellner, Bernhard Kuster, Nils C Gassen.

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Application: Pull-Down, Recombinant proteins