

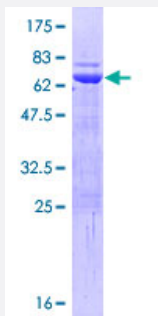
Full-Length

TRIM63 (Human) Recombinant Protein (P01)

Catalog # H00084676-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TRIM63 full-length ORF (NP_115977.2, 1 a.a. - 353 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDYKSSLIQDGNPMENLEKQLICPICLEMFTKPVVILPCQHNLCRKCANDIFQAANPYWTSRGSSV
SMSGGRFRCPTCRHEVIMDRHGVYGLQRNLLVENIIDYKQECSSRPLQKGSHPMCKEHEDEKINI
YCLTCEVPTCSMCKVFGIHKACEVAPLQSVFQGQKTELNNCISMLVAGNDRVQTITQLEDSSRRVT
KENSHQVKEELSQKFDLYAILDEKKSELLQRITQEQEKKLSFIEALIQYQEQLDKSTKLVETAIQS
LDEPGGATFLLTAKQLIKSVEASKGCQLGKTEQGFENMDFFTLDEHIADALRAIDFGTDEEEEEEF
IEEEDQEEEEESTEGKEEGHQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.6

Interspecies Antigen Sequence

Mouse (93); 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 — TRIM63

Entrez GeneID[84676](#)**GeneBank Accession#**[NM_032588.2](#)**Protein Accession#**[NP_115977.2](#)**Gene Name**

TRIM63

Gene Alias

FLJ32380, IRF, MURF1, MURF2, RNF28, SMRZ

Gene Description

tripartite motif-containing 63

Omim ID[606131](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is localized to the Z-line and M-line lattices of myofibrils, where titin's N-terminal and C-terminal regions respectively bind to the sarcomere. In vitro binding studies have shown that this protein also binds directly to titin near the region of titin containing kinase activity. Another member of this protein family binds to microtubules. Since these family members can form heterodimers, this suggests that these proteins may serve as a link between titin kinase and microtubule-dependent signal pathways in muscle. [provided by RefSeq]

Other Designations

OTTHUMP00000008701|iris ring finger protein|muscle specific ring finger protein 1|muscle specific ring finger protein 2|ring finger protein 28|striated muscle RING zinc finger protein