

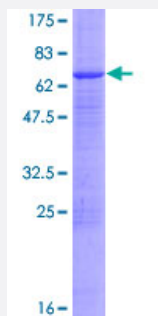
Full-Length

TTRAP (Human) Recombinant Protein (P02)

Catalog # H00051567-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TTRAP full-length ORF (NP_057698.2, 1 a.a. - 362 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MELGSCLEGGREAAEEEEGEPEVKKRRLLCVEFASVASCDAAVAQCFLAENDWEMERALNSYF
EPPVEESALERRPETISEPKTYVDLTNEETDSTTSKISPS EDTQQENGSMFSLITWNIDGLDLNNL
SERARGVCSYLALYSPDVIFLQEVIPPYSYLKKRSSNYEITGHEEGYFTAIMLKSRVKLKSQEIPF
PSTKMMRNLLCVHVNVS GNELCLMTSHLESTRGHAAERMNQLKMVLKKMQEAPESATVIFAGDT
NLRDREVTRCGGLPNNIVDVWEFLGKPKHCQYTWD TQMNSNLGITAACKLRFDRIFFRAAAEEGH
IIPRSLDLLGLEKLD CGRFPSDHWGLLCNLDIIL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.3

Interspecies Antigen Sequence

Mouse (69); Rat (68)

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 — TTRAP

Entrez GeneID[51567](#)**GeneBank Accession#**[NM_016614.2](#)**Protein Accession#**[NP_057698.2](#)**Gene Name**

TTRAP

Gene Alias

AD022, EAP2, MGC111021, MGC9099, dJ30M3.3

Gene Description

TRAF and TNF receptor associated protein

Omim ID[605764](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of a superfamily of divalent cation-dependent phosphodiesterases. The encoded protein associates with CD40, tumor necrosis factor (TNF) receptor-75 and TNF receptor associated factors (TRAFs), and inhibits nuclear factor-kappa-B activation. This protein has sequence and structural similarities with APE1 endonuclease, which is involved in both DNA repair and the activation of transcription factors. [provided by RefSeq]

Other Designations

ETS1-associated protein 2|OTTHUMP00000016091|OTTHUMP00000039397|TRAF and TNF receptor-associated protein

Publication Reference

- [Mapping of Functional Subdomains in Terminal Protein Domain of Hepatitis B Virus Polymerase.](#)

Clark DN, Flanagan JM, Hu J.

Amino Acids 2017 Jan; 91(3):e01785.

Application: Func, Human, HEK 293T cells

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Polyradiculoneuropathy](#)