

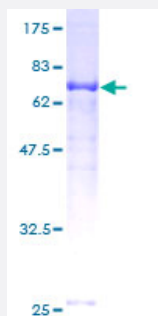
Full-Length

TRAF1 (Human) Recombinant Protein (P01)

Catalog # H00007185-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human TRAF1 full-length ORF (AAH24145, 1 a.a. - 416 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASSSGSSPRPAPDENEFPFGCPPTVCQDPKEPRALCCAGCLSENPRNGEDQICPKCRGEDL
QSISPGSRLRTQEKAHPEVAEAGIGCPFAGVGCSFKGSPQSVQEHEVTSQTSHLNLLLGFMKQW
KARLGCGLSESGPMALEQNLSDLQLQAAVEVAGDLEVDCYRAPCSESQEELALQHFMKEKLLAE
LEGKLRVFENIVAVLNKEVEASHLALATSIHQSQLDRERILSLEQRVVELQQTLAQKDQALGKLEQ
SLRLMEEASFDGTFLWKITNVTRCHESACGRTVSLFSPAFYTAKYGYKLCLRLYLNGDGTGKRT
HLSLFVIMRGEYDALLPWPFNRNKVTFMLLDQNNREHAIDAFRPDLSSASFQRPQSETNVASGCP
LFFPLSKLQSPKHAYVKDDTMFLKCVETST

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.5

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 — TRAF1

Entrez GeneID [7185](#)

GeneBank Accession# [BC024145](#)

Protein Accession# [AAH24145](#)

Gene Name TRAF1

Gene Alias EBI6, MGC:10353

Gene Description TNF receptor-associated factor 1

Omim ID [601711](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from various receptors of the TNFR superfamily. This protein and TRAF2 form a heterodimeric complex, which is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF2 also interacts with inhibitor-of-apoptosis proteins (IAPs), and thus mediates the anti-apoptotic signals from TNF receptors. The expression of this protein can be induced by Epstein-Barr virus (EBV). EBV infection membrane protein 1 (LMP1) is found to interact with this and other TRAF proteins; this interaction is thought to link LMP1-mediated B lymphocyte transformation to the signal transduction from TNFR family receptors. [provided by RefSeq]

Other Designations Epstein-Bar virus-induced protein 6|OTTHUMP00000022000

Pathway

- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Alopecia Areata](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)
- [Giant Cell Arteritis](#)
- [Glomerulonephritis](#)
- [HIV Infections](#)
- [Infant](#)
- [Inflammation](#)

- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Pemphigus](#)
- [Rheumatic Heart Disease](#)
- [Schizophrenia](#)
- [Scleroderma](#)
- [Sepsis](#)
- [Wegener Granulomatosis](#)