

TRAF2 recombinant protein

TRAF2 Protein

CATALOG # AAA73154	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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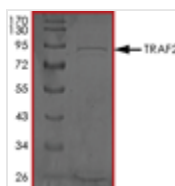
PRODUCT SYNONYMS

TRAF2; TRAF2 Protein; TRAF2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Purity/Purification	> 70%
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Concentration	0.05ug/ul (varies by lot)
Sequence Positions	Full length
Sequence Length	2298
Applicable Applications for TRAF2 recombinant protein	WB (Western Blot)
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on dry ice. Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data

The purity of TRAF2 was determined to be >70% by densitometry. Approx. MW 89kDa

ADDITIONAL INFORMATION

Related Product Information for TRAF2 recombinant protein	Description: Recombinant full-length human TRAF2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: TRAF2 (also known as TNF receptor-associated factor 2) belongs to the TNF receptor associated factor (TRAF) protein family that mediates signal transduction from members of the TNF receptor superfamily (1). TRAF2 is involved in TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB pathway. TRAF2 interacts with TNF receptors and forms a heterodimeric complex with TRAF1. The TRAF1-TRAF2 complex interacts with IAPs to mediate the anti-apoptotic signals from TNF receptors. TRAF2 also interacts with TRADD, a TNF receptor associated apoptotic signal transducer, to ensure the recruitment of IAPs for the direct inhibition of caspase activation (2).
Product Categories/Family for TRAF2 recombinant protein	Signaling Proteins; Adaptor Proteins
References	1. Wajant, H. Et al: The TNF-receptor-associated factor family: scaffold molecules for cytokine receptors, kinases and their regulators.". Cell. Signal. 2001;13 (6): 389 -400. 2. Bradley, J.R., Poher, J.S. Tumor necrosis factor receptor-associated factors (TRAFs)". Oncogene,2001; 20 (44): 6482 -91

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544228
NCBI GeneID	7186
NCBI Accession #	NM_021138.3
NCBI GenBank Nucleotide #	NM_021138
UniProt Accession #	Q12933; Q7Z337; Q96NT2; A8K107; B4DPJ7
Molecular Weight	~89 kDa
NCBI Official Full Name	Homo sapiens TNF receptor associated factor 2 (TRAF2), mRNA
NCBI Official Synonym Full Names	TNF receptor associated factor 2
NCBI Official Symbol	TRAF2
NCBI Official Synonym Symbols	TRAP; TRAP3; MGC:45012
NCBI Protein Information	TNF receptor-associated factor 2
UniProt Protein Name	TNF receptor-associated factor 2
UniProt Gene Name	TRAF2
UniProt Synonym Gene Names	TRAP3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.