

## Recombinant Human TRAF4 Protein, His-tagged

Cat. No. TRAF4-558H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TRAF4(Gln193~Asp444) fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln193~Asp444
<b>Description</b>	<p>This gene encodes a member of the TNF receptor associated factor (TRAF) family. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. The encoded protein has been shown to interact with neurotrophin receptor, p75 (NTR/NTSR1), and negatively regulate NTR induced cell death and NF-kappa B activation. This protein has been found to bind to p47phox, a cytosolic regulatory factor included in a multi-protein complex known as NAD(P)H oxidase. This protein thus, is thought to be involved in the oxidative activation of MAPK8/JNK. Alternatively spliced transcript variants have been observed but the full-length nature of only one has been determined.</p>
<b>Form</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	32.2kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)

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<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	TRAF4 TNF receptor-associated factor 4 [ Homo sapiens ]
<b>Official Symbol</b>	TRAF4
<b>Synonyms</b>	TRAF4; TNF receptor-associated factor 4; CART1; MLN62; RNF83; MLN 62; malignant 62; RING finger protein 83; metastatic lymph node gene 62 protein; tumor necrosis receptor-associated factor 4A; cysteine-rich domain associated with ring and TRAF domain; cysteine-rich domain associated with RING and Traf domains protein 1;
<b>Gene ID</b>	9618
<b>mRNA Refseq</b>	NM_004295

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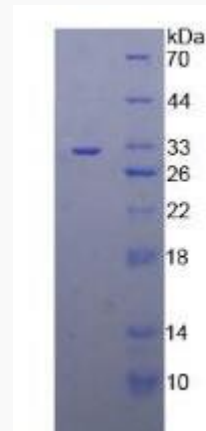
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**Protein Refseq** NP\_004286

**MIM** 602464

**UniProt ID** Q9BUZ4



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