

Recombinant Human TRAF4, His-tagged

Cat. No. TRAF4-31602TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 207-406 of Human TRAF4 with an N terminal His tag. Predicted MWt: 23kDa;
Species	Human
Source	E.coli
ProteinLength	207-406 a.a.
Description	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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 138 µl distilled water.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	IQSHQYQCPRLPVACPNQCGVGTVAREDLPGHLKDSCNTA LVLCPFKD SGCKHRC PKLAMARHVEESVKPHLAMMCAL VSRQRQELQELRRELEELSVGSDGVLWKIGSY GRRLQ EAKAKPNLECFSPA FYTHKYGYKLQVSAFLNGNGSGEG THLSLYIRVLPGA FDNLLEWPFARRVTFSLLDQSDPGLAK PQHVTE

GENE INFORMATION

Gene Name	TRAF4 TNF receptor-associated factor 4 [Homo sapiens]
Official Symbol	TRAF4
Synonyms	TRAF4; TNF receptor-associated factor 4; CART1; MLN62; RNF83;
Gene ID	9618
mRNA Refseq	NM_004295
Protein Refseq	NP_004286
MIM	602464
Uniprot ID	Q9BUZ4
Chromosome Location	17q11-q21.3
Pathway	Pathways in cancer, organism-specific biosystem; Small cell lung cancer, organism-specific biosystem; Small cell lung cancer, conserved biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

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Function

DNA binding; WW domain binding; metal ion binding; protein binding; protein kinase binding;

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