

Recombinant Human TRAF6 Protein, His-tagged

Cat. No. TRAF6-555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human TRAF6(Ala153~Pro423) fused with His tag at N-terminal was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Ala153~Pro423

Description

The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from, members of the TNF receptor superfamily. This protein mediates signaling from members of the TNF receptor superfamily as well as the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates I kappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has been found to be required for IKK activation by this protein. This protein also interacts with the transforming growth factor (TGF) beta receptor complex and is required for Smad-independent activation of the JNK and p38 kinases. This protein has an amino terminal RING domain which is followed by four zinc-finger motifs, a

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central coiled-coil region and a highly conserved carboxyl terminal domain, known as the TRAF-C domain. Two alternatively spliced transcript variants, encoding an identical protein, have been reported.

Form PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Molecular Mass 35.2kDa

Endotoxin <1.0EU per 1g (determined by the LAL method)

Purity > 95%

Applications Positive Control; Immunogen; SDS-PAGE; WB.
If bio-activity of the protein is needed, please check active protein.

Stability 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.

Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS or others.

GENE INFORMATION

Gene Name TRAF6 TNF receptor-associated factor 6, E3 ubiquitin protein ligase [Homo sapiens]

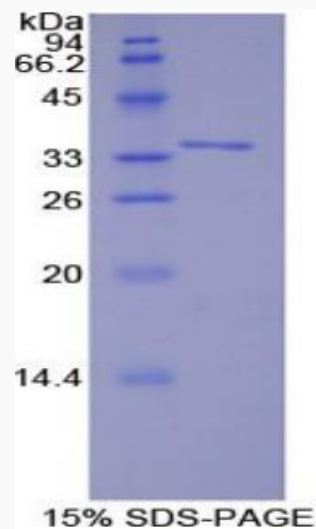
Official Symbol TRAF6

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Synonyms	TRAF6; TNF receptor-associated factor 6, E3 ubiquitin protein ligase; TNF receptor associated factor 6; TNF receptor-associated factor 6; RNF85; RING finger protein 85; interleukin-1 signal transducer; E3 ubiquitin-protein ligase TRAF6; MGC:3310;
Gene ID	7189
mRNA Refseq	NM_004620
Protein Refseq	NP_004611
MIM	602355
UniProt ID	Q9Y4K3



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