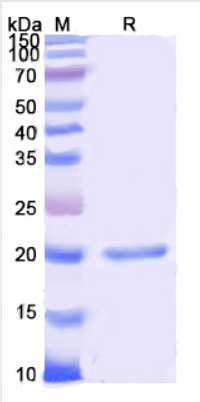
TRAF3IP2 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	TRAF3IP2, Recombinant Protein
Full Product Name	Recombinant Human TRAF3IP2 Protein, N-His
Product Gene Name	TRAF3IP2 recombinant protein
Product Synonym Names	E3 ubiquitin ligase TRAF3IP2; 2.3.2.27; Adapter protein CIKS; Connection to IKK and SAPK/JNK; E3 ubiquitin-protein ligase CIKS; Nuclear factor NF-kappa-B activator 1; ACT1; TRAF3-interacting protein 2; TRAF3IP2; C6orf2; C6orf4; C6orf5; C6orf6
Sequence	Ser403-Arg 554
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for frequent use. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	63 kDa
OMIM	phenotype 615527
3D Structure	ModBase 3D Structure for O43734
Species	Homo sapiens (Human)
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
Product Categories/Family for TRAF3IP2 recombinant protein	Recombinant Protein; Other Proteins; Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for TRAF3IP2 recombinant protein	ELISA (EIA), Immunogen, SDS-PAGE, Western Blot (WB), Bioactivity testing in progress
Related Product Information for TRAF3IP2 recombinant protein	MBS1587195 is a recombinant protein targeting TRAF3IP2. Also known as Recombinant Human TRAF3IP2 Protein, N-His. Host: E coli.
Other Notes	Small volumes of TRAF3IP2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of TRAF3IP2 recombinant protein
SDS-PAGE for Recombinant Human TRAF3IP2 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRAF3IP2. It may not necessarily be applicable to this product.

NCBI GI #	10242289
NCBI GeneID	10758
NCBI Accession #	AF274303
UniProt Primary Accession #	O43734
UniProt Secondary Accession #	Q5R3A3; Q7Z6Q1; Q7Z6Q2; Q7Z6Q3; Q9H5W2; Q9H6Y3; Q9NS14; Q9UG72; B2RAY9; E1P555
UniProt Related Accession #	O43734
NCBI Official Full Name	Homo sapiens NFkB-activating protein ACT1 (ACT1) mRNA, complete cds
NCBI Official Synonym Full Names	TRAF3 interacting protein 2
NCBI Official Symbol	TRAF3IP2
NCBI Official Synonym Symbols	ACT1; CIKS; C6orf2; C6orf4; C6orf5; C6orf6; CANDF8; PSORS13
UniProt Protein Name	Adapter protein CIKS
UniProt Synonym Protein Names	Connection to IKK and SAPK/JNK; Nuclear factor NF-kappa-B activator 1; ACT1; TRAF3-interacting protein 2
Protein Family	Adapter protein
UniProt Gene Name	TRAF3IP2
UniProt Synonym Gene Names	C6orf2; C6orf4; C6orf5; C6orf6; ACT1
UniProt Entry Name	CIKS_HUMAN
NCBI Protein Information	adapter protein CIKS; NFkB-activating protein ACT1; connection to IKK and SAPK/JNK; nuclear factor NF-kappa-B activator 1
NCBI Summary for TRAF3IP2	This gene encodes a protein involved in regulating responses to cytokines by members of the Rel/NF-kappaB transcription factor family. These factors play a central role in innate immunity in response to pathogens, inflammatory signals and stress. This gene product interacts with TRAF proteins (tumor necrosis factor receptor-associated factors) and either I-kappaB kinase or MAP kinase to activate either NF-kappaB or Jun kinase. Several alternative transcripts encoding different isoforms have been identified. Another transcript, which does not encode a protein and is transcribed in the opposite orientation, has been identified. Overexpression of this transcript has been shown to reduce expression of at least one of the protein encoding transcripts, suggesting it has a regulatory role in the expression of this gene. [provided by RefSeq, Aug 2009]

UniProt Comments for TRAF3IP2	TRAF3IP2: Could be involved in the activation of both NF-kappa-B via a NF-kappa-B inhibitor kinase (IKK)-dependent mechanism and stress-activated protein kinase (SAPK)/JNK. Defects in TRAF3IP2 are the cause of susceptibility to psoriasis type 13 (PSORS13). PSORS13 is a common, chronic inflammatory disease of the skin with multifactorial etiology. It is characterized by red, scaly plaques usually found on the scalp, elbows and knees. These lesions are caused by abnormal keratinocyte proliferation and infiltration of inflammatory cells into the dermis and epidermis. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Apoptosis Chromosomal Location of Human Ortholog: 6q21 Molecular Function: protein binding Biological Process: positive regulation of I-kappaB kinase/NF-kappaB cascade; immunoglobulin secretion; B cell apoptosis; humoral immune response Disease: Candidiasis, Familial, 8; Psoriasis 13, Susceptibility To
Research Articles on TRAF3IP2	**1.** These results indicate that oxLDL-induced endothelial cell death and dysfunction are mediated via TRAF3IP2 and that native HDL3 and the AMPK activators inhibit this response.
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