

Datasheet for ABIN7554589

## TRAF3IP1 Protein (AA 1-691) (His tag)



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### Overview

Quantity:	1 mg
Target:	TRAF3IP1
Protein Characteristics:	AA 1-691
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRAF3IP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat TRAF3IP1 Protein expressed in mammalian cells.
Sequence:	<p>MNAAVVRRRTQ EALGKVIRRP PLTEKLLSKP PFRYLHDIIT EVIRMTGFMK GLYTDAEMKS</p> <p>DNVKDKDAKI SFLQKAIDVV VMVSGEPLLA KPARIVAGHE PERTNELLQI IGKCCNLNLS</p> <p>SDDAVRRVLA GEKGEVKGRA SLTSRSQELD NKNVREEESR VHKNTEDRGD AEIKERSTSR</p> <p>DRKQKEELKE DRKPREKDKD KEKAKENGGN RHREGERERA KARARPDNER QKDRGNRERD</p> <p>RDSEKKKETE RKSEGGKEKE RLRDRDRERD RDKGKDRDRR RVKNGEHSWD LDREKNREHD</p> <p>KPEKKSASSG EMSKKLSDGT FKDSKAETET EISTRASKSL TTKTSKRRSK NSVEGRKEDN</p> <p>ISAKSLDSIV SGINNPNQE TTTSEIGTKE ANINSTSISD DNSASLRCEN IQPNPTEKQK</p> <p>GDSTSDAEGD AGPAGQDKSE VPETPEIPNE LSSNIRRIIPR PGSARPAPPR VKRQDSMEAL</p> <p>QMDRSGSGKT VSNVITESHN SDNEEDDQFV VEAAPQLSEM SEIEMVTAVE LEEEEKHGGL</p> <p>VKKILETKKD YEKLQQSPKP GEKERSLFES AWKKEKDIVS KEIEKLRTSI QTLCKSALPL</p> <p>GKIMDYIQED VDAMQNELQM WHSENQRHAE ALQQEQRITD CAVEPLKAEL AELEQLIKDQ</p>

QDKICAVKAN ILKNEEKIQK MVYSINLTSR R **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	TRAF3IP1
Alternative Name:	TRAF3IP1 ( <a href="#">TRAF3IP1 Products</a> )
Background:	<p>TRAF3-interacting protein 1 (Interleukin-13 receptor alpha 1-binding protein 1) (Intraflagellar transport protein 54 homolog) (Microtubule-interacting protein associated with TRAF3) (MIP-T3),FUNCTION: Plays an inhibitory role on IL13 signaling by binding to IL13RA1. Involved in suppression of IL13-induced STAT6 phosphorylation, transcriptional activity and DNA-binding. Recruits TRAF3 and DISC1 to the microtubules. Involved in kidney development and epithelial morphogenesis. Involved in the regulation of microtubule cytoskeleton organization. Is a negative regulator of microtubule stability, acting through the control of MAP4 levels (PubMed:26487268). Involved in ciliogenesis (By similarity). {ECO:0000250 UniProtKB:Q149C2, ECO:0000269 PubMed:10791955, ECO:0000269 PubMed:12812986,</p>

### Target Details

	ECO:0000269 PubMed:12935900, ECO:0000269 PubMed:26487268}.
Molecular Weight:	78.6 kDa
UniProt:	<a href="#">Q8TDR0</a>
Pathways:	<a href="#">Hedgehog Signaling</a>

### Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months