

Datasheet for ABIN7544472
TIRAP Protein (AA 1-221) (His tag)



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Overview

Quantity:	1 mg
Target:	TIRAP
Protein Characteristics:	AA 1-221
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIRAP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TIRAP Protein expressed in mammalian cells.
Sequence:	MASSTSLPAP GSRPKKPLGK MADWFRQTLL KKPCKRPNSP ESTSSDASQP TSQDSPLPPS LSSVTSPSLP PTHASDSGSS RWSKDYDVCV CHSEEDLVAA QDLVSYLEGS TASLRCFLQL RDATPGGAIV SELCQALSSS HCRVLLITPG FLQDPWCKYQ MLQALTEAPG AEGCTIPLLS GLSRAAYPPE LRFMYVVDGR GPDGGFRQVK EAVMRYLQTL S 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TIRAP
Alternative Name:	TIRAP (TIRAP Products)
Background:	Toll/interleukin-1 receptor domain-containing adapter protein (TIR domain-containing adapter protein) (Adaptor protein Wyatt) (MyD88 adapter-like protein) (MyD88-2),FUNCTION: Adapter involved in TLR2, TLR4 and RAGE signaling pathways in the innate immune response. Acts via IRAK2 and TRAF-6, leading to the activation of NF-kappa-B, MAPK1, MAPK3 and JNK, and resulting in cytokine secretion and the inflammatory response. Positively regulates the production of TNF-alpha (TNF) and interleukin-6 (IL6). {ECO:0000269 PubMed:18292575, ECO:0000269 PubMed:19509286, ECO:0000269 PubMed:21829704}.
Molecular Weight:	23.9 kDa
UniProt:	P58753
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
