

Datasheet for ABIN7560325
TIRAP Protein (AA 1-241) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TIRAP
Protein Characteristics:	AA 1-241
Origin:	Mouse
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:	<p>MASSSSVPAS STPSKKPRDK IADWFRQALL KKPCKMPISQ ESHLYDGSQT ATQDGLSPSS CSSPPSHSSP ESRSSPSSCS SGMSPTSPPT HVDSSSSSSG RWSKDYDVCV CHSEEDLEAA QELVSYLEGS QASLRCFLQL RDAAPGGAIV SELCQALSRS HCRALLITPG FLRDPWCKYQ MLQALTEAPA SEGCTIPLLS GLSRAAYPPE LRFMYVVDGR GKDGGFYQVK EAVIHYLETL S</p> <p>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.</p>
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:	<p>Key Benefits:</p> <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),FUNCTION: Adapter involved in the 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 (By similarity). Positively regulates the production of TNF-alpha and interleukin-6 (By similarity). {ECO:0000250 UniProtKB:P58753}.
Molecular Weight:	26.0 kDa
UniProt:	Q99JY1
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 functional studies yet we cannot offer a guarantee though.
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Application Details

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