

Datasheet for ABIN7561470

IRAK1BP1 Protein (AA 1-259) (His tag)



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Overview

Quantity:	1 mg
Target:	IRAK1BP1
Protein Characteristics:	AA 1-259
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRAK1BP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Irak1bp1 Protein expressed in mammalien cells.
Sequence:	<p>MSLQPAPASR VFMELVPWAD RGRENHPISA AEAQPIGRRP HVAEAHPGAR EVHVSGAAEV</p> <p>SASPDRLVT VRVSSTKEVS AEAKKSVCRR LDYITQSLQQ QGFQAENVTV TKNIRRVENA</p> <p>YHMEAEOVCIT FTEFGKMQNI CNFLVEKLDS SVVISPPPEFY HTPGSVENLR RQACLVAVEN</p> <p>AWRKAQEVCD LVGQTLGKPL LIKEETKDW EGQTDDHQLS RLPGLTLVQQ KIKSATIHAA</p> <p>SKVFITFEVK GKEKKKKHL 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>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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, Western Blot

Grade: custom-made

Target Details

Target: IRAK1BP1

Alternative Name: Irak1bp1 ([IRAK1BP1 Products](#))

Background: Interleukin-1 receptor-associated kinase 1-binding protein 1 (IRAK1-binding protein 1) (ActA-binding protein 70) (PLK-interacting protein) (Signaling molecule that associates with the mouse pelle-like kinase) (SIMPL),FUNCTION: Component of the IRAK1-dependent TNFRSF1A signaling pathway that leads to NF-kappa-B activation and is required for cell survival. Acts by enhancing RELA transcriptional activity. {ECO:0000269|PubMed:11096118, ECO:0000269|PubMed:15485901}.

Molecular Weight: 28.9 kDa

UniProt: [Q9ESJ7](#)

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