

Datasheet for ABIN7561963
PRR5L Protein (AA 1-370) (His tag)



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Overview

Quantity:	1 mg
Target:	PRR5L
Protein Characteristics:	AA 1-370
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRR5L protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Prr5l Protein expressed in mammalian cells.
Sequence:	<p>MTRGLAPLLP IEFHKMGSR RPRPRFMSSP VLSELPRFQA ARQALQLSSN SAWNSVQTAV</p> <p>INVFKGGGLQ SNELYALNES IRRLLKSELG SFITDYFQNG LLAKGLSFVE EKIKLCEGDN</p> <p>RIEVLAEVWD HFFTETLPTL QAIFYPVQGG ELTIRQISLL GFRDLVLLKV KLGDVLLLAQ</p> <p>SKLPSSVIQM LLILQSVHEP TGPSEGYLQL EELVKQVWSP FLSISGDRSC SGPTYSLARR</p> <p>HSRVRPKVTV LNYASLMTTV GRPLNEMVLT PLTEQEGEAY LEKCGSVRRH TVANAHSIDIQ</p> <p>LLAMATMMHS GLGEEAGGED KHLPPSPFP PPHRQCSSEP SILDSPDELE LEDVASGSQE</p> <p>DSELNCSLS 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:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	PRR5L
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Alternative Name:	Prr5l (PRR5L Products)
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Background:	Proline-rich protein 5-like (Protein observed with Rictor-2) (Protor-2),FUNCTION: Associates with the mTORC2 complex that regulates cellular processes including survival and organization of the cytoskeleton (By similarity). Regulates the activity of the mTORC2 complex in a substrate-specific manner preventing for instance the specific phosphorylation of PKCs and thereby controlling cell migration (PubMed:22609986). Plays a role in the stimulation of ZFP36-mediated mRNA decay of several ZFP36-associated mRNAs, such as TNF-alpha and GM-CSF, in response to stress. Required for ZFP36 localization to cytoplasmic stress granule (SG) and P-body (PB) in response to stress. {ECO:0000250 UniProtKB:Q6MZX0, ECO:0000269 PubMed:22609986}.
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Molecular Weight:	41.0 kDa
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UniProt:	A2AVJ5
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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