

Datasheet for ABIN7550944
PRR5L Protein (AA 1-368) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PRR5L
Protein Characteristics:	AA 1-368
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRR5L protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PRR5L Protein expressed in mammalian cells.
Sequence:	MTRGFAPILP VEFHKMGsFR RPRPRFMSSP VLSDLPRFQA ARQALQLSSS SAWNSVQTAV INVFKGGGLQ SNELYALNEN IRRLLKSELG SFITDYFQnQ LLAKGLFFVE EKIKLCEGEN RIEVLAEVWD HFFTETLPTL QAIFYPVQGQ ELTIRQISLL GFRDLVLLKV KLGDLLLLAQ SKLPSSIVQM LLILQSVHEP TGPSESYLQL EELVKQVVSP FLGISGDRSF SGPTYTLARR HSRVRPKVTV LNYASPITAV SRPLNEMVLT PLTEQEGEAY LEKCGSVRRH TVANAHSIDIQ LLAMATMMHS GLGEEASSEN KCLLLPPSFP PPHRQCSSEP NITDNPdGLE EGARGSQEGS ELNCASLS 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:

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	PRR5L
Alternative Name:	PRR5L (PRR5L Products)
Background:	<p>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 (PubMed:17461779). 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 (PubMed:21964062). Required for ZFP36 localization to cytoplasmic stress granule (SG) and P-body (PB) in response to stress (PubMed:21964062).</p> <p>{ECO:0000269 PubMed:17461779, ECO:0000269 PubMed:21964062, ECO:0000269 PubMed:22609986}.</p>
Molecular Weight:	40.8 kDa
UniProt:	Q6MZQ0

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.

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
