

Datasheet for ABIN7548947
PRR16 Protein (AA 1-304) (His tag)



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Overview

Quantity:	1 mg
Target:	PRR16
Protein Characteristics:	AA 1-304
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRR16 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PRR16 Protein expressed in mammalian cells.
Sequence:	<p>MSAKSKGNPS SSCPAEGPPA ASKTKVKEQI KIIVEDLELV LGDLKDVAKE LKEVVDQIDT LTSDLQLEDE MTDSSKDTL NSSSSGTTAS SLEKIKVQAN APLIKPPAHP SAILTVLRKP NPPPPPPRLT PVKCEDPKRV VPTANPVKTN GTLLRNGGLP GGPKNKIPNGD ICCIPNSNLD KAPVQLLMHR PEKDRCPQAG PRERVRFNEK VQYHGYCPDC DTRYNIKNRE VHLHSEPVHP PGKIPHQGPP LPPTPHLPPF LENGGMGIS HSNSFPPIRP ATVPPPTAPK PQKTILRKST TTTV</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:	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:	PRR16
Alternative Name:	PRR16 (PRR16 Products)
Background:	Protein Largen (Mesenchymal stem cell protein DSC54) (Proline-rich protein 16),FUNCTION: Regulator of cell size that promotes cell size increase independently of mTOR and Hippo signaling pathways. Acts by stimulating the translation of specific mRNAs, including those encoding proteins affecting mitochondrial functions. Increases mitochondrial mass and respiration. {ECO:0000269 PubMed:24656129}.
Molecular Weight:	32.8 kDa
UniProt:	Q569H4

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