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Datasheet for ABIN7562115  
**PRRT2 Protein (AA 1-346) (His tag)**

## Overview

Quantity:	1 mg
Target:	PRRT2
Protein Characteristics:	AA 1-346
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRRT2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Prrt2 Protein expressed in mammalian cells.
Sequence:	MAASSSQVSE MKGVEDSSKT QTEGPRHSEE GLGPVQVVAE IPDQPEALQP GPGITAAPVD SGPKAELAPE TTETPVETPE TVQATDLSLN PEEGSKASPS PSPSEARQEP ASKPDVNRET AAEEGSEPPQS TAPPEPTSEP AFQINTQSDP QPTSQPPPKP PLQAEPTQE DPTTEVLTES TGEKQENGAV VPLQAGDGEE GPAPQPHSPP STKTPPANGA PPRVLQKLVE EDRIGRAHGG HPGSPRGSLS RHPSSQLAGP GVEGGEGTQK PRDYIILAIL SCFCPMWPVN IVAFAYAVMS RNSLQQGDVD GAQLGRVAK LLSIVALVGG VLIHASCVI NLGVYK <b>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.</b>
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

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	PRRT2
Alternative Name:	Prrt2 ( <a href="#">PRRT2 Products</a> )
Background:	<p>Proline-rich transmembrane protein 2 (Dispanin subfamily B member 3) (DSPB3),FUNCTION: As a component of the outer core of AMPAR complex, may be involved in synaptic transmission in the central nervous system. In hippocampal neurons, in presynaptic terminals, plays an important role in the final steps of neurotransmitter release, possibly by regulating Ca(2+)-sensing (PubMed:27052163). In the cerebellum, may inhibit SNARE complex formation and down-regulate short-term facilitation (PubMed:29056747).</p> <p>{ECO:0000269 PubMed:27052163, ECO:0000269 PubMed:29056747}.</p>
Molecular Weight:	35.9 kDa
UniProt:	<a href="#">E9PUL5</a>

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## Application Details

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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

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Restrictions: For Research Use only

## Handling

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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