

Datasheet for ABIN7557333  
**PRR7 Protein (AA 1-269) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PRR7
Protein Characteristics:	AA 1-269
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRR7 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Prr7 Protein expressed in mammalian cells.
Sequence:	MVMSQGYTF LTCFAGFWLI WGLIVLLCCF CSFLRRRLKR RQEERLREQN LRALELEPLE LEGLAGSPP GLAPPPPHR SRLEAPVHAH SHVHVHPLLH HGPAPPHAHP HPHHHALPHP PPPHLAVPPR PWSYPRQAES DMSKPPCYEE AVLMAEPPPP YSEVLTDTRG LYRKIVTPFL SRRDSA EKQE QPPPSYKPLF LDRGYTSALH LPSAPRPAAP CPALCLQAER SRRVFPSWTD SELSSREPLE HGAWRLPVS I PLFGRTTAV <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

---

- 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:	PRR7
Alternative Name:	Prr7 ( <a href="#">PRR7 Products</a> )
Background:	Proline-rich protein 7 (Synaptic proline-rich membrane protein),FUNCTION: Acts as a synapse-to-nucleus messenger to promote NMDA receptor-mediated excitotoxicity in neurons in a JUN-dependent manner (By similarity). Inhibits ubiquitination-mediated degradation and promotes phosphorylation and transcriptional activity of transcription factor JUN (By similarity). Might play a redundant role in the regulation of T cell receptor signaling (PubMed:27657535). Might promote apoptosis in T cells (By similarity). {ECO:0000250 UniProtKB:P0C6T3, ECO:0000250 UniProtKB:Q8TB68, ECO:0000269 PubMed:27657535}.
Molecular Weight:	30.4 kDa
UniProt:	<a href="#">Q3V0I2</a>

---

## 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.
--------------------	---

---

## Application Details

---

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