

Datasheet for ABIN7555131  
**PDZRN3 Protein (AA 1-1066) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PDZRN3
Protein Characteristics:	AA 1-1066
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDZRN3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PDZRN3 Protein expressed in mammalian cells.
Sequence:	MGFELDRFDG DVDPDLKCAL CHKVLEDPLT TPCGHVFCAG CVLPWVQEG SCPARCRGRL SAKELNHVLP LKRLILKLDI KCAYATRGCG RVVKLQQLPE HLCRCDFAPA RCRHAGCGQV LLRRDVEAHM RDACDARVPG RCQEGCGLPL THGEQRAGGH CCARALRAHN GALQARLGAL HKALKKEALR AGKREKSLVA QLAAAQLELQ MTALRYQKKF TEYSARLDSL SRCVAAPPGG KGEETKSLTL VLHRDSGSLG FNIIGGRPSV DNHDGSSSEG IFVSKIIVDSG PAAKEGGLQI HDRIIEVNGR DLSRATHDQA VEAFTAKEP IVVQVLR RTP RTKMFTPPSE SQLVDTGTQT DITFEHIMAL TKMSSPSPV LDPYLLPEEH PSAHEYDPN DYIGDIHQEM DREELEEEV DLYRMNSQDK LGLTVCYRTD DEDDIGIYIS EIDPNSIAAK DGRIREGDRI IQINGIEVQN REEAVALLTS EENKNFSLLI ARPELQLDEG WMDDDRNDFL DLLHMDMLEE QHHQAMQFTA SVLQQKKHDE DGGTTDTATI LSNQHEKDSG VGRTESTRN DESSEQENNG DDATASSNPL AGQRKLTCSQ DTLGSGDLPF SNESFISADC TDADYLGIPV DECERFRELL ELKCQVKSAT PYGLYPSGP LDAGKSDPES VDKELELLNE ELRSIELECL SIVRAHKMQQ LKEQYRESWM

## Product Details

---

LHNSGFRNYN TSIDVRRHEL SDITELPEKS DKDSSSAYNT GESCRSTPLT LEISPDNSLR  
RAAEGISCPS SEGAVGTTEA YGPASKNLLS ITEDPEVGTP TYSPSLKELD PNQPLESKER  
RASDGSRSPT PSQKLG SAYL PSYHHSPYKH AHIPAHQHY QSYMQLIQK SAVEYAQSQM  
SLVSMCKDLS SPTPSEPRME WKVKIRSDGT RYITKRPVRD RLLRERALKI REERSGMTTD  
DDAVSEMCMG RYWSKEERKQ HLVKAKEQRR RREFMMQSRL DCLKEQQAAD DRKEMNILEL  
SHKMMKRN KKIFDNWMTI QELLTHGTKS PDGTRVYNSF LSVTTV **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:

- 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: PDZRN3

---

Alternative Name: PDZRN3 ([PDZRN3 Products](#))

---

Background: E3 ubiquitin-protein ligase PDZRN3 (EC 2.3.2.27) (Ligand of Numb protein X 3) (PDZ domain-containing RING finger protein 3) (RING-type E3 ubiquitin transferase PDZRN3) (Semaphorin

## Target Details

---

cytoplasmic domain-associated protein 3) (Protein SEMACAP3),FUNCTION: E3 ubiquitin-protein ligase. Plays an important role in regulating the surface level of MUSK on myotubes. Mediates the ubiquitination of MUSK, promoting its endocytosis and lysosomal degradation. Might contribute to terminal myogenic differentiation. {ECO:0000250|UniProtKB:Q69ZS0}.

---

Molecular Weight: 119.6 kDa

---

UniProt: [Q9UPQ7](#)

---

Pathways: [Skeletal Muscle Fiber Development](#)

## 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