

## **Product datasheet for AR50748PU-N**

## OriGene Technologies, Inc.

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## Prion protein 2 / PRND (27-152, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Prion protein 2 / PRND (27-152, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSRGIKHRI KWNRKALPST AQITEAQVAE NRPGAFIKQG RKLDIDFGAE GNRYYEANYW QFPDGIHYNG CSEANVTKEA FVTGCINATQ AANQGEFQKP

DNKLHQQVLW RLVQELCSLK HCEFWLERG

Tag: His-tag

Predicted MW: 16.9 kDa

Concentration: lot specific

Purity: >95% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 30% Glycerol, 1 mM DTT

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human PRND protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** <u>NP 036541</u>

**Locus ID:** 23627

UniProt ID: Q9UKY0, A7U7M2

**Cytogenetics:** 20p13

**Synonyms:** dJ1068H6.4; DOPPEL; DPL; PrPLP





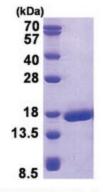
**Summary:** 

This gene is found on chromosome 20, approximately 20 kbp downstream of the gene encoding cellular prion protein, to which it is biochemically and structurally similar. The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored glycoprotein that is found predominantly in testis. Mutations in this gene may lead to neurological disorders. [provided by RefSeq, Jul 2008]

**Protein Families:** 

Druggable Genome, Transmembrane

## **Product images:**



15% SDS-PAGE (3ug)