

## Product datasheet for **AR50748PU-S**

### 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, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSRGIKHRI</u> KWNRKALPST AQITEAQVAE NRPGAFIKQG RKLIDIDFGAE GNRYYEANYW QFPDGIHYNG CSEANVTKEA FVTGCINATQ AANQGGEFQKP DNKLHQQVLW RLVQELCSLK HCFWLERG
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:	<u>Q9UKY0</u> , <u>A7U7M2</u>
Cytogenetics:	20p13
Synonyms:	dj1068H6.4; DOPPEL; DPL; PrPLP



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**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:**