

Recombinant Human PRND, His-tagged

Cat. No. PRND-7224H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PRND protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
description	PRND is a membrane glycosylphosphatidylinositol-anchored glycoprotein that is found predominantly in testis. This protein is expressed during embryogenesis, but is expressed minimally in the central nervous system. Its function is still unknown. Mutations in PRND may lead to neurological disorders.
source	E. coli
species	Human
tag	His
form	Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 30% glycerol, 1mM DTT
molecular mass	16.9 kDa (149aa)
aa sequence	MGSSHHHHHHH SSGLVPRGSH MGSRGIKHRI KWNRKALPST AQITEAQVAE NRPGAFIKQG RKLDIDFGAE GNRYYEANYW QFPDGIHYNG CSEANVTKEA

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FVTGCINATQ AANQGEFQKP DNKLHQQVLW RLVQELCSLK HCEFWLERG

purity >95% by SDS - PAGE

applications SDS-PAGE

storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

concentration 0.25 mg/ml

GENE INFORMATION

gene name [PRND prion protein 2 \(dublet\) \[Homo sapiens \]](#)

official symbol PRND

synonyms PRND; prion protein 2 (dublet); prion-like protein doppel; dJ1068H6.4; DOPPEL; DPL; prion like protein doppel; PrPLP; prion gene complex, downstream; MGC41841;

Gene ID [23627](#)

mrna refseq [NM_012409](#)

protein refseq [NP_036541](#)

mim [604263](#)

uniprot id [Q9UKY0](#)

chromosome location 20pter-p12

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function

copper ion binding;

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