9051 Mira Mesa Blvd, #910094
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PRND Human

Prion Protein 2 Human Recombinant
RCP1704

Product Overview

Name	PRND Human
Description	
Prion Protein 2 Human Recombinant	
Accession (Primary)	Q9UKY0
Synonyms	
Prion protein 2, DOPPEL, DPL, PrPL.	
Introduction	
PRND is a membrane glycosylphosphatidylinositol-anchored glycoprotein which exists mainly in testis. PRND is expressed during embryogenesis, although in the central nervous system it is expressed minimally .Mutations in PRND may cause neurological disorders. PRND located on chromosome 20, about 20 kbp downstream of the gene encoding cellular prion protein, to which it is biochemically and structurally analogous.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
PRND protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.2M NaCl, 30% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS RGIKHRI KWNRKALPST AQITEAQVAE NRPGAFIKQG RKLDIDFGAE GNRYYEANYW QFPDGIHYNG CSEANVTKEA FVTGCINATQ AANQGEFQKP DNKLHQQVLW RLVQELCSLK HCEFWLERG.	
Precautions	
PRND Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9UKY0)