

PRND, 27-152aa Human, His tag, E.coli

Cat.NO.: TP03531

3th Edition

Synonyms:Prion-like protein doppel, Prion protein 2, DOPPEL, DPL, PrPLP

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. Recombinant human PRND protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 30% glycerol, 1mM DTT

Molecular Weight:16.9 kDa (149aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSRGIKHRIKWNRKALPSTAQITEAQVAENRPGAFIKQGRKLDIDFGAEGNRY
EANYWQFPDGIHYNGCSEANVTKEAFVTGCINATQAANQGEFQKPDNKLHQQVLWRLVQELCSLKHCFWLERG

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.