9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4497: Recombinant Human Prion Protein 2

Alternative Name : Prion protein 2,DOPPEL,DPL,PrPL.

Description

Source : Escherichia Coli. PRND Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 149 amino acids (27-152a.a) and having a molecular mass of 58.5kDa. PRND is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	PRND protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.2M NaCl, 30% glycerol and 1mM DTT.
Storage condition :	A2LD1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSRGIKHRI KWNRKALPST AQITEAQVAE NRPGAFIKQG RKLDIDFGAE GNRYYEANYW QFPDGIHYNG CSEANVTKEA FVTGCINATQ AANQGEFQKP DNKLHQQVLW RLVQELCSLK HCEFWLERG.

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