

Recombinant Human PRND protein, His-tagged

Cat. No. PRND-2936H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRND protein(28-176 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	28-176 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GIKHRIKWNRKALPSTAQITEAQVAENRPGAFIKQGRKLDIDFGAEGNRYYEANYWQ FPDGIHYNGCSEANVTKEAFVTGCINATQAANQGEFQKPDNKLHQQVLWRLVQELC SLKHCEFWLARGAGLRVTMHQPVLLCLLALIWLVMK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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

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