

Recombinant Human PRND protein, His-tagged

Cat. No. PRND-2709H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRND protein(71-151 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	71-151 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	GAEGNRYYEANYWQFPDGIHYNGCSEANVTKEAFVTGCINATQAANQGEFQKPDN KLHQQVLWRLVQELCSLKHCEFWLER
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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;
mRNA Refseq	NM_012409
Protein Refseq	NP_036541
MIM	604263
UniProt ID	Q9UKY0
Gene ID	23627

SDS-PAGE



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