



Recombinant Protein Technical Manual

Recombinant Human PRND Protein (His Tag)

RPES2605

Product Data:

Product SKU: RPES2605

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q9UKY0

Protein Information:

Molecular Mass: 15.5 kDa

AP Molecular Mass: 20-29 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Prion-like protein doppel; PrPLP; Prion protein 2; PRND; DPL

Immunogen Information:

Sequence: Arg27-Gly152

Background:

Prion-like protein doppel is a 152 amino acids protein that belongs to the prion family. The protein encoded by this gene is found on chromosome 20, approximately 20 kbp downstream of the gene encoding cellular prion protein, to which it is biochemically and structurally similar. It is a membrane glycosylphosphatidylinositol-anchored glycoprotein that is found predominantly in testis. Mutations in this gene may lead to neurological disorders.