



Recombinant Protein Technical Manual

Recombinant Human PFDN4 Protein (His Tag)

RPES2484

Product Data:

Product SKU: RPES2484

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9NQP4

Protein Information:

Molecular Mass: 17.5 kDa

AP Molecular Mass: 18-20 kDa

Tag: N-6His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

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

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

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

Application:

Synonyms: Prefoldin Subunit 4; Protein C; PFDN4; PFD4

Immunogen Information:

Sequence: Met 1-Ser134

Background:

Prefoldin Subunit 4 (PFDN4) is a heterohexameric chaperone protein that belongs to the prefoldin subunit beta family. The complex of PFDN4, consisting of two PFD-alpha type and four PFD-beta type subunits, forms a double beta barrel assembly with six protruding coiled-coils. PFDN4 binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly.