

Recombinant Human PFDN4 Protein (His Tag)

Catalog Number:PKSH032922



Note: Centrifuge before opening to ensure complete recovery of vial contents.

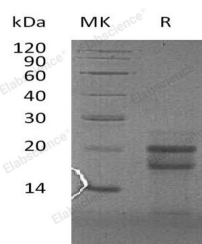
Description

Synonyms	Prefoldin Subunit 4;Protein C-1;PFDN4;PFD4
Species	Human
Expression Host	E.coli
Sequence	Met 1-Ser134
Accession	Q9NQP4
Calculated Molecular Weight	17.5 kDa
Observed molecular weight	18-20 kDa
Tag	N-His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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 PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

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.

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