Recombinant Human PFDN2 Protein (His Tag)

Catalog Number:PKSH032921

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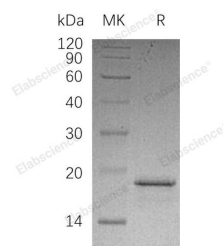
Description

Synonyms	Prefoldin Subunit 2;PFDN2;PFD2
Species	Human
Expression Host	E.coli
Sequence	Met 1-Ser154
Accession	Q9UHV9
Calculated Molecular Weight	18.8 kDa
Observed molecular weight	18 kDa
Tag	N-His

Properties

Purity	> 95 % 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℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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 Tris-HCl, 50mM NaCl, 1mM DTT, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in t
Reconstitution	Please refer to the printed manual for detailed information.

Data

> 95 % as determined by reducing SDS-PAGE.

Background

Prefoldin Subunit 2 (PFDN2) belongs to the Prefoldin Beta subunit family. The PFDN2 protein is one of six subunits of Prefoldin that act as a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides allowing them to fold correctly. PFDN2 binds specifically to Cytosolic Chaperonin (c-CPN) and transfers target proteins to it. PFDN2 also binds to a nascent polypeptide chain and promotes folding in settings where there are many competing pathways for non-native proteins.

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