Product Name: Recombinant Human PFDN2 (N-6His)
Catalog #: PEH1364

Summary

Name	Prefoldin subunit 2/PFDN2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Prefoldin Subunit 2 is produced by our E.coli expression system and the target gene encoding Met1-Ser154 is expressed with a 6His tag at the N-terminus.
Accession #	Q9UHV9
Host	E.coli
Species	Human
Predicted Molecular Mass	18.8 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 50mM NaCl, 1mM DTT, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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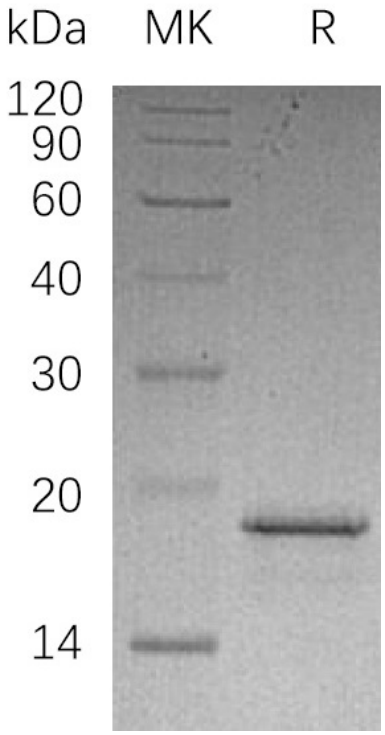

Alternative Names

Prefoldin Subunit 2; PFDN2; PFD2

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.

Note

For Research Use Only , Not for Diagnostic Use.