

# Recombinant Human PFDN4 Protein (His Tag)

Catalog Number:PKSH032922



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

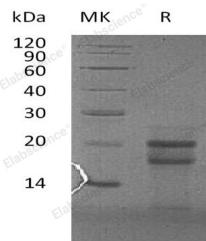
## Description

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

## Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m 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.
<b>Reconstitution</b>	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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Fax: 1-832-243-6017