

[Go to Product page](#)

Datasheet for ABIN7318926 PFDN4 Protein (His tag)

Overview

Quantity:	50 µg
Target:	PFDN4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFDN4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PFDN4 Protein (His Tag)
Sequence:	Met 1-Ser134
Characteristics:	Recombinant Human Prefoldin Subunit 4 is produced by our E.coli expression system and the target gene encoding Met1-Ser134 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PFDN4
Alternative Name:	PFDN4 (PFDN4 Products)
Background:	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

Target Details

coiled-coils. PFDN4 binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly.

Synonym: Prefoldin Subunit 4, Protein C-1, PFDN4, PFD4

Molecular Weight: 17.5 kDa

UniProt: [Q9NQP4](#)

Pathways: [Unfolded Protein Response](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

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

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: 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.