

**PFDN4, 1-134aa, Human, His tag, E.coli**

**Cat.NO.: TP03362**

3th Edition

**Synonyms:**Prefoldin subunit 4, Protein C-1, PFD4.

**Description:**Prefoldin subunit 4, also known PFDN4, is a member of the prefoldin beta subunit family. PFDN4 is a heterohexameric chaperone protein which has the ability to capture unfolded actin and is a possible transcription factor. Six prefoldin polypeptides, prefoldin 1-6, have been identified. Recombinant human PFDN4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 1mM DTT, 10% glycerol, 50mM NaCl

**Molecular Weight:**17.4 kDa (154aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMAATMKKAAAEDVNVTFEDQQKINKFARNTSRITELKEEIEVKKKQLQNLEDACD  
DIMLADDDCLMIPYQIGDVFISHSQEETQEMLEEAKKNLQEEIDALESRVESIQRVLADLKVQLYAKFGSNINLEADES

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.