

PFDN2, 1-154aa, Human, His tag, E.coli

Cat.NO.: TP03361

3th Edition

Synonyms:Prefoldin subunit 2, PFD2, HSPC231.

Description:PFDN2 (Prefoldin subunit 2) is a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. This protein binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 50mM NaCl

Molecular Weight:18.8kDa (174aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMAENSGRAGKSSGSGAGKGAVSAAEQVIAGFNRLRQEQRGLASKAAELEMELNE
HSLVIDTLKEVDETRKCYRMVGGVVERTVKEVLPALENNKEIQKIIETLTQQLQAKGKELNEFREKHNIRLMGEDE
KPAAKENSEGAGAKASSAGVLVS

Purity:> 95% by HPLC

Concentration:0.5mg/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.