

PFDN5, 1-154aa, Human, His tag, E.coli

Cat.NO.: TP03363

3th Edition

Synonyms:Prefoldin subunit 5 isoform alpha, MM-1, MM1, PFD5.

Description:PFDN5 belongs to the prefoldin alpha subunit family. Prefoldin (PFDN), a ubiquitously expressed heterohexameric co-chaperone, is necessary for proper folding of nascent proteins, in particular, tubulin and actin. PFDN5 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 may also repress the transcriptional activity of the proto-oncogene c-Myc.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol

Molecular Weight:19.5kDa (174aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMAQSINITELNLPQLEMLKNQLDQEVFLSTSLIAQLKVVQTKYVEAKDCLNVLNKS
NEGKELLVPLTSSMYVPGKLHDVEHVLIDVGTGYVVEKTAEDAKDFFKIDFLTKQMEKIQPALQEKHAMKQAVM
EMMSQKIQQLTALGAAQATAKA

Purity:> 95% by HPLC

Concentration:1mg/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.