

AR39101PU-L

Human PFDN5 (1-154, His-tag) - Purified

Alternate names:

C-Myc-binding protein Mm-1, MM1, Myc modulator 1, PFD5, Prefoldin subunit 5

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q99471](#)

NCBI:

[NP_002615](#)

GeneID:

[5204](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol

Description:

Recombinant human PFDN5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MAQSINITEL NLPQLEMLKN QLDQVEFLS TSIAQLKVVQ
TKYVEAKDCL NVLNKSNEGK ELLVPLTSSM YVPGKLHDVE HVLIDVGTGY YVEKTAEDAK
DFFKRKIDFL TKQMEKIQA LQEKHAMKQA VMEMMSQKIQ QLTALGAAQA TAKA

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

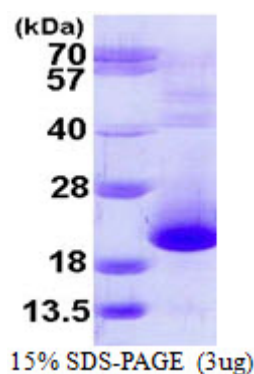
Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:



PFDN5, 1-154aa, Human, His-tagged

