

PFDN5 Human

Description: PFDN5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 174 amino acids (1-154 a.a.) and having a molecular mass of 19.5kDa. PFDN5 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-908

For research use only.

Synonyms: Prefoldin subunit 5, C-Myc-binding protein Mm-1, Myc modulator 1, PFDN5, MM1, PFD5, MM-1.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MAQSINITEL NLPQLEMLKN
QLDQVEFLS TSAQLKVVQ TKYVEAKDCL NVLNKSNEGK ELLVPLTSSM YVPGKLHDVE
HVLIDVGTGY YVEKTAEDAK DFFKRKIDFL TKQMEKIQPA LQEKHAMKQA VMEMMSQKIQ
QLTALGAAQA TAKA.

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

PFDN5 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT and 10% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

PFDN5 is a member of the prefoldin alpha subunit family. Prefoldin (PFDN) being a ubiquitously expressed heterohexameric co-chaperone, is required for proper folding of nascent proteins, in particular, tubulin and actin. PFDN5 is one of 6 subunits of prefoldin, which is a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thus allowing them to fold properly. The PFDN5 protein may also limit the transcriptional activity of the proto-oncogene c-Myc.

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