

PFDN4 Human

Description: PFDN4 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 154 amino acids (1-134.a.a) and having a molecular mass of 17.4kDa. PFDN4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-099

For research use only.

Synonyms: Prefoldin Subunit 4, PFD4, C1, Prefoldin 4, Protein C-1.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MAATMKKAAA EDVNVTFEDQ
QKINKFARNT SRITELKEEI EVKKKQLQNL EDACDDIMLA DDDCLMIPYQ IGDVFISHSQ
EETQEMLEEA KKNLQEEIDA LESRVESIQR VLADLKVQLY AKFGSNINLE ADES

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

Formulation:

The PFDN4 protein solution (1mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH7.5), 50mM NaCl, 1mM DTT and 10% glycerol.

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:

PFDN4 belongs to the prefoldin beta subunit family. PFDN4 is a heterohexameric chaperone protein that can capture unfolded actin and is a possible transcription factor. Six prefoldin polypeptides, prefoldin 1-6, are known.

Storage:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

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