9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PFDN5 Human

Prefoldin Subunit 5 Human Recombinant
RCP1631

Product Overview

Name	PFDN5 Human
Description	
Prefoldin Subunit 5 Human Recombinant	
Accession (Primary)	Q99471
Synonyms	
Prefoldin subunit 5, C-Myc-binding protein Mm-1, Myc modulator 1, PFDN5, MM1, PFD5, MM-1.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAQSINITEL NLPQLEMLKN QLDQEVEFLS TSIAQLKVVQ TKYVEAKDCL NVLNKSNEGK ELLVPLTSSM YVPGKLHDVE HVLIDVGTGY YVEKTAEDAK DFFKRKIDFL TKQMEKIQPA LQEKHAMKQA VMEMMSQKIQ QLTALGAAQA TAKA.	
Precautions	

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PFDN5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99471)