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32-4439: Recombinant Human Prefoldin Subunit 5

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

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	PFDN5 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAQSINITEL NLPQLEMLKN QLDQEVEFLS TSIAQLKVVQ TKYVEAKDCL NVLNKSNEGK ELLVPLTSSM YVPGKLHDVE HVLIDVGTGY YVEKTAEDAK DFFKRKIDFL TKQMEKIQPA LQEKHAMKQA VMEMMSQKIQ QLTALGAAQA TAKA.

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