

32-4440: Recombinant Human Prefoldin Subunit 6

Alternative Name : Prefoldin Subunit 6, PFD6, H2-KE2, KE-2, HKE2, HLA class II region expressed gene KE2, MGC70744.

Description

Source : Escherichia Coli. PFDN6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 149 amino acids (1-129a.a.) and having a molecular mass of 16.7 kDa. PFDN6 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PFDN6 is a subunit of the heteromeric prefoldin complex that chaperones developing actin and alpha- and beta-tubulin chains until they are transferred to the cytosolic chaperonin containing TCP1 (CCT) complex. PFDN6 binds specifically to cytosolic chaperonin (c-CPN), transfers target proteins to it and bind to developing polypeptide chain to promote folding in a setting where there are many competing pathways for nonnative proteins.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The PFDN6 protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM 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 it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAELIQKKLQ GEVEKYQQLQ KDLSKSMSGR QKLEAQLTEN NIVKEELALL DGSNVVFKLL GPVLVKQELG EARATVKGKRL DYITAEIKRY ESQLRDLERQ SEQQRETLAQ LQQEFQRAQA AKAGAPGKA

