

32-4436: Recombinant Human Prefoldin Subunit 1

Alternative Name : Prefoldin subunit 1, PFDN1, PFD1, PDF.

Description

Source : Escherichia Coli. PFDN1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 130 amino acids (14-122 a.a.) and having a molecular mass of 15kDa. The PFDN1 is purified by proprietary chromatographic techniques. PFDN1 is one of 6 subunits of prefoldin, which is a heterohexameric chaperone protein that assists in the proper folding of other proteins. The PFDN1 protein delivers nonnative target proteins, primarily actins and tubulins, to the eukaryotic cytosolic chaperonin for facilitated folding. Defects in PFDN1 presented phenotypes typical of defects in cytoskeletal function, including manifestations of ciliary dyskinesia, neuronal loss, and defects in B and T cell development and function.

Product Info

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| Amount : | 5 µg |
| Purification : | Greater than 90.0% as determined by SDS-PAGE. |
| Content : | The PFDN1 solution (0.5 mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0) and 20% Glycerol. |
| Storage condition : | PFDN1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MTELQAKVID TQQVKLADI QIEQLNRTKK HAHLTDTEIM TLVDETNMYE GVGRMFILQS KEAHSQLE KQKIAEEKIK ELEQKKSYLE RSVKEAEDNI REMLMARRAQ. |

