

32-2593: NDUF9 Recombinant Protein

Alternative Name NADH dehydrogenase (ubiquinone) 1 beta subcomplex subunit 9,B22,LYRM3,UQOR22,Complex I-
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B22,C1-B22,LYR motif-containing protein 3,NADH-ubiquinone oxidoreductase B22 subunit,NDUF9.

Description

Source : Escherichia Coli. NDUF9 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 202 amino acids (1-179) and having a molecular mass of 24.2kDa.NDUF9 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NADH dehydrogenase (ubiquinone) 1 beta subcomplex subunit 9 (NDUF9) which is a part of the complex I LYR family is localized to the internal mitochondrial membrane, as well as to the matrix side of the peripheral membrane. NDUF9 serves as an accessory subunit of the multi-subunit mitochondrial membrane respiratory chain NADH dehydrogenase complex I. Complex I takes a crucial part in the transfer of electrons from NADH to the respiratory chain, a process which is vital for cellular respiration.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The NDUF9 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 SGLVPRGSH MGSMAFLASG PYLTHQQKVL RLYKRALRHL ESWCVQRDKY RYFACLMRARR FEEHKNEKDM AKATQLLKEA EEEFWYRQHP QPYIFPDSPG GTSYERYDCY KVPEWCLDDW HPSEKAMYPD YFAKREQWKK LRRESWEREV KQLQEETPPG GPLTEALPPA RKEGDLPLW WYIVTRPRER PM.