

32-2598: NDUFS6 Recombinant Protein

Alternative Name : NADH Dehydrogenase (Ubiquinone) Fe-S Protein 6 13kDa (NADH-Coenzyme Q Reductase), Complex I Mitochondrial Respiratory Chain 13-KD Subunit, NADH Dehydrogenase [Ubiquinone] Iron-Sulfur Protein 6 Mitochondrial, NADH: Ubiquinone Oxidoreductase NDUF6 Sub

Description

Source : Escherichia Coli. NADH Dehydrogenase (Ubiquinone) Fe-S Protein 6 13kDa (NADH-Coenzyme Q Reductase), Complex I Mitochondrial Respiratory Chain 13-KD Subunit, NADH Dehydrogenase [Ubiquinone] Iron-Sulfur Protein 6 Mitochondrial, NADH: Ubiquinone Oxidoreductase NDUF6 Subunit, NADH-Ubiquinone Oxidoreductase 13 KDa-A Subunit, Complex I-13kD-A, C113KDA. NADH Dehydrogenase Fe-S Protein 6 (NDUFS6) is a subunit of the NADH: ubiquinone oxidoreductase (complex I), which is the 1st enzyme complex in the electron transport chain of the mitochondria. This complex operates in the transfer of electrons from NADH to the respiratory chain. NDUFS6 is one of seven subunits in the iron-sulfur protein segment. DNA alterations in NDUFS6 are the cause for mitochondrial complex I deficiency, a disease which results in an extensive assortment of clinical disorders, like adult-onset neurodegenerative disorders and neonatal disease.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The NDUFS6 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% 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 MGSFGVRVSP TGEKVTHTGQ VYDDKDYRRI RFVGRQKEVN ENFAIDLIAE QPVSEVETRV IACDGGGGAL GHPKVYINLD KETKTGTCGY CGLQFRQH HH

