9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2599: NDUFV2 Recombinant Protein

Alternative Name :	NADH dehydrogenase [ubiquinone] flavoprotein 2,CI-24k,NADH dehydrogenase [ubiquinone] flavoprotein 2,mitochondrial,NADH-ubiquinone oxidoreductase 24 kDa subunit,NDUFV2.

Description

Source : Escherichia Coli. NDUFV2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 240 amino acids (33-249 a.a) and having a molecular mass of 26.1kDa.NDUFV2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NADH Dehydrogenase Flavoprotein 2 (NDUFV2) is a 24 kDa Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which is a part of the minimal assembly required for catalysisthe. NDUFV2 is aslo involved in electron transfer. Mutations in NDUFV2 are implicated in Parkinson's disease, bipolar disorder, schizophrenia, and have been discovered in one case of early onset hypertrophic cardiomyopathy and encephalopathy.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	NDUFV2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
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 MGSGAGGALF VHRDTPENNP DTPFDFTPEN YKRIEAIVKN YPEGHKAAAV LPVLDLAQRQ NGWLPISAMN KVAEVLQVPP MRVYEVATFY TMYNRKPVGK YHIQVCTTTP CMLRNSDSIL EAIQKKLGIK VGETTPDKLF TLIEVECLGA CVNAPMVQIN DNYYEDLTAK DIEEIIDELK AGKIPKPGPR SGRFSCEPAG GLTSLTEPPK GPGFGVQAGL.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.