

# Human NDUF52 Recombinant Protein



RPPB2011

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## Product Information    Protein Information

**Product SKU:**

RPPB2011

**Accession:**

O75306

**Host:**

Escherichia Coli.

**Protein description:**

NDUF52 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 410 amino acids (77-463a.a) and having a molecular mass of 46.5kDa. NDUF52 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

CI-49 , NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial, Complex I-49kD, CI-49kD, NADH-ubiquinone oxidoreductase 49 kDa subunit, NDUF52.

**Formulation:**

The NDUF52 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 80% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

MGSSHHHHHH SSSLVPRGSH MGSVKNITLN FGPQHAAHG VLRLVMELSG EMVRKCDPHI GLLHRGTEKL  
IEYKTYLQAL PYFDRLDYVS MMCNEQAYSL AVEKLLNIRP PPRAQWIRVL FGEITRLLNH IMAVTTHALD  
LGAMTPFFWL FEEREKMFEE YERVSGARMH AAYIRPGGVH QDLPLGLMDD IYQFSKNFSL RLDELEELLT  
NNRIWRNRTI DIGVVTAEEA LNYGFSGVML RGSGIQWDLR KTQPYDVYDQ VEFDVPVGSR GDCYDRYLCR  
VEEMRQSLRI IAQCLNKMPG GEIKVDDAKV SPPKRAEMKT SMESLIHHFK LYTEGYQVPP GATYTAIEAP  
KGEFGVYLVS DGSSRPYRCK IKAPGFAHLA GLDKMSKGHM LADVVAIIGT QDIVFGEVDR.