

**NDUFB9, 1-179aa, Human, His tag, E.coli**

**Cat.NO.: TP03128**

3th Edition

**Synonyms:**NADH dehydrogenase (ubiquinone) 1 beta subcomplex subunit 9, B22, LYRM3, UQOR22

**Description:**NADH dehydrogenase (ubiquinone) 1 beta subcomplex subunit 9, also known as NDUFB9, belongs to the complex I LYR family. Localized to the inner mitochondrial membrane, as well as to the matrix side of the peripheral membrane, NDUFB9 functions as an accessory subunit of the multi-subunit mitochondrial membrane respiratory chain NADH dehydrogenase complex I. Complex I plays an important role in the transfer of electrons from NADH to the respiratory chain, a process that is essential for cellular respiration. Recombinant human NDUFB9 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**24.2kDa (202aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMASFLASGPYLTHQQKVLRLYKRALRHLESWCVQRDKYRYFACLMRARFEE  
HKNEKDMAKATQLLKEAEEEFWYRQHPQPYIFPDSPGGTSYERYDCYKVP EWCLDDWHPSEKAMYPDYFAKREQ  
WKKLRRESWEREVKQLQEETPPGGPLTEALPPARKEGDLPLWWYIVTRPRERPM

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.