

## 32-2590: NDUFAF2 Recombinant Protein

**Alternative Name :** Mimitin mitochondrial,B17.2-like,B17.2L,Myc-induced mitochondrial protein,MMTN,NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2,NDUFA12-like protein,NDUFAF2,NDUFA12L,mimitin.

### Description

Source : Escherichia Coli. NDUFAF2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 189 amino acids (1-169 a.a.) and having a molecular mass of 22kDa.NDUFAF2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Mimitin (NDUFAF2) is a member of the complex I NDUFA12 subunit family.NADH dehydrogenase is an enzyme located in the inner mitochondrial membrane, which catalyzes the transfer of electrons from NADH to coenzyme Q (CoQ). NDUFAF2 is the 'entry enzyme' of oxidative phosphorylation in the mitochondria. Mimitin protein functions as a molecular chaperone for mitochondrial complex I assembly.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** NDUFAF2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 200mM NaCl.  
**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 SSSLVPRGSH MGWSQDLFRA LWRSL SREVK EHVGT DQFGN KYYYIPQYKN  
WRGQTIREKR IVEAANKKEV DYEAGDIPT EWEAWIRTRK TPPTMEEILK NEKHREEIKI KSQDFYEKEK  
LLSKETSEEL LPPPVTQIK GHASAPYFGK EEPSVAPSST GKTFQPGSWM PRDGKSHNQ.