

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

NDUFAF1, 25-327aa, Human, His tag, E.coli

产品货号: TP03125

第三版

别名:Complex I intermediate-associated protein 30, CGI-65; CGI65; CIA30.

描述:NDUFAF1 is a complex I assembly factor protein. Complex I (NADH-ubiquinone oxidoreductase) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. The protein is required for assembly of complex I, and mutations in this protein are a cause of mitochondrial complex I deficiency.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 1mM DTT, 2mM EDTA

分子量:37 kDa (326aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSYFLGIRFAEYSSSLQKPVASPGKASSQRKTEGDLQGDHQKEVALDITSSEEKPDVSF
DKAIRDEAIYHFRLKDEIVDHWRGPEGHPLHEVLLEQAKVVWQFRGKEDLDKWTVTSDKTIGGRSEVFLKMGKNNQS
ALLYGTLSEAPQDGESTRSGYCAMISRIPRGAFERKMSYDWSQFNTLYLRVRGDGRPWMVNIKEDTDFFQRTNQMYSYF
MFTRGGPYWQEVKIPFSKFFFSNRGRIRDVQHELPLDKISSIGFTLADKVDGPPFLEIDFIGVFTDPAHTEEFAYENSPELNPR
LFK

纯度:> 95% by HPLC

浓度:0.5 mg/ml

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.