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Frataxin, 42-210aa, Human, His tag, E.coli

产品货号: TP02148

第三版

别名:CyaY, FA, FARR, FRDA, X25, FXN

描述:Frataxin, also known as FXN, is an iron binding protein which belongs to FRATAXIN family. It is an anti-apoptotic protein which prevents mitochondrial damage, reactive oxygen species production and act as either an iron chaperone or an iron storage protein. Frataxin is localized to the mitochondrion and regulating mitochondrial iron transport and respiration.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.5) containing 20% glycerol 0.1M NaCl 1mM DTT.

分子量:21.1 kDa (190aa)

序列:

MGSSHHHHHHSSGLVPRGSHMLRTDIDATCTPRRASSNQRGLNQIWNVKKQSVYLMNLRKSGTLGHPGSLDETTYERL
AEETLDSLAEFFEDLADKPYTFEDYDVSGVLTVKLGDLGTYVINKQTPNKQIWLSSPSSGPKRYDWTGKNWVYSHD
GVSLHELLAAELTKALKTKLDLSSLAYSGKDA

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

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.