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SURF1, 80-273aa, Human, His tag, E.coli

产品货号: TP04101

第三版

别名: Surfeit 1 SURF 1, SURF1, Surfeit locus protein 1,

描述: SURF1, also known as surfeit 1, is a member of the SURF1 family, which includes the related yeast protein SHY1 and rickettsial protein RP733. This protein is localized to the inner mitochondrial membrane and thought to be involved in the biogenesis of the cytochrome c oxidase complex. Defect in SURF1 is a cause of Leigh syndrome, a severe neurological disorder that is commonly associated with systemic cytochrome c oxidase deficiency. Recombinant SURF1 protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1 M NaCl.

分子量: 24.3 kDa (215aa), confirmed by MALDI-TOF.

序列:

MGSSHHHHHSSGLVPRGSHMQVQRRKWKLNLIAELESRVLAEPVPLPADPMELKNLEYRPVKVRGCFDHSKELYMMP
RTMVDVPVREAREGLISSSTQSGAYVVTPFHCTDLGVTLVNRGFVPRKKVNPETRQKGGQIEGEVDLIGMVRLTETRQPFV
PENNPERNHWHYRDLEAMARITGAEPIDANFQSTVPGGPIGGQTRVTLRNEHLQ

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.