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ISCU, 35-167aa, Human, His tag, E.coli

产品货号: TP02690

第三版

别名:Iron-sulfur cluster assembly enzyme ISCU, HML, hnifU, ISU2, NIFU, NIFUN

描述:Iron-sulfur cluster assembly enzyme, also known as ISCU, is a member of the nifU family. Iron-sulfur (Fe-S) clusters are necessary for several mitochondrial enzymes and other subcellular compartment proteins. It is interact with ISCS, a cysteine desulfurase, to sequester inorganic sulfur for Fe-S cluster assembly. ISCU-ISCS protein complex localizes in both mitochondria and cytosol, implying that Fe-S cluster assembly takes place in multiple subcellular compartments in mammalian cells

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 2mM DTT, 100mM NaCl

分子量:16.7kDa (154aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMYHKKVVDHYENPRNVGSLDKTSKNVGTGLVGAPACGDVMKLQIQVDEK GKIVDAR
FKTFGCGSAIASSSLATEWVKGKTVEEALTIKNTDIAKELCLPPVKLHCSMLAEDA IKAALADYK LKQEPKKGEAEKK

纯度:> 95% by HPLC

浓度:0.5mg/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.