

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

CCS, 1-274aa, Human, His tag, E.coli

产品货号: TP01476

第三版

别名: Copper chaperone for superoxide dismutase

描述: CCS is essential for the incorporation of copper into SOD-1, and therefore is necessary for its enzymatic activity. CCS prevents copper ions from binding to intracellular copper scavengers and provides the SOD-1 enzyme with the necessary copper cofactor. CCS escorts copper only to SOD-1 and fails to deliver copper to proteins in the mitochondria, nucleus or secretory pathway.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl 1mM DTT, 10% glycerol

分子量: 31.2 kDa (294aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMASDSGNQGTLCLEFAVQMTQCSCVDAVRKSLQGVAGVQDVEVHLEDQMVLVHT
TLPSQEVQALLEGTRQAVLKGMGSQLQNLGAAVAILGGPGTVQGVVRFLLQTPERCLIEGTIDGLEPGLHGLHVHGY
GDLTNNCNSCGNHFNPDGASHGGPQSDRHRGDLGNVRADADGRAIFRMEDEQLKVDVIGRSLIIDEGEDDLGRGG
HPLSKITGNSGERLACGHIARSAGLFQNPQKQICSCDGLTIWEERGRPIAGKGRKESAPPAHL

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.