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Ferredoxin 1, 61-184 aa, Human, T7-tagged, Recombinant, E.coli

产品货号: TP02111

第三版

别名: Adrenodoxin, Adrenal ferredoxin, Hepatoredoxin, ADX, FDX, LOH11CR1D.

描述: Ferredoxin1 is a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to a terminal cytochrome P450. This particular oxidation/reduction system is found in steroidogenic tissues, and is involved with the synthesis of bile acid and vitamin D. It participates in the synthesis of thyroid hormones and transfers electrons from adrenodoxin reductase to the cholesterol side chain cleavage cytochrome P450.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% Glycerol

分子量: 15.0 kDa (139aa)

序列:

MASMTGGQQMGRGSMSSSEDKITVHFINRDGETLTTKGKVGDSLDDVVVENNLDIDGFGACEGLACSTCHLIFEDHIYE
KLDAITDEENDMLDLAYGLTDRSRLGQCICLTKSMDNMTVRVPETVADARQSIDVGKTS

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.