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Datasheet for ABIN666783

Ferredoxin1 (FDX1) (AA 61-184) protein (HIS-T7)

1 Image

Overview

Quantity:	100 µg
Target:	Ferredoxin1 (FDX1)
Protein Characteristics:	AA 61-184
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	HIS-T7
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Ferredoxin 1, 61-184 aa, Human, T7-tagged, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Ferredoxin1 (FDX1)
Alternative Name:	Ferredoxin 1 (FDX1 Products)
Background:	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. Recombinant

Target Details

human Ferredoxin 1 protein, fused to T7-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Adrenodoxin, Adrenal ferredoxin, Hepatoredoxin, ADX, FDX, LOH11CR1D, Adrenodoxin, mitochondrial, FDX1, Ferredoxin 1,. NCBI no.: NP_004100

Molecular Weight: 15.0 kDa (139aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

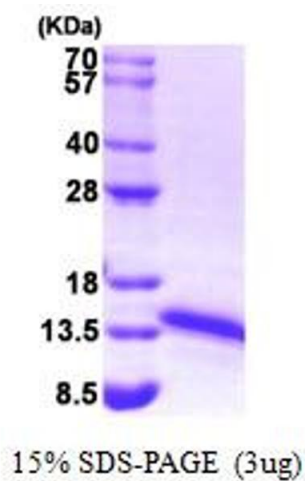
Format: Liquid

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

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

Storage: 4 °C

Images



SDS-PAGE

Image 1.