

Recombinant Human FDX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FDX1-4341H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FDX1 MS Standard C13 and N15-labeled recombinant protein (NP_004100) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to mitochondrial cytochrome P450, involved in steroid, vitamin D, and bile acid metabolism. Pseudogenes of this functional gene are found on chromosomes 20 and 21.
Molecular Mass	19.4 kDa
AA Sequence	MAAAGGARLLRAASAVLGGPAGRWLHHAGSRAGSSGLLRNRGPGGSAEASRSLS VSARARSSSEDKITVHFINDGETLTTKGKVGDSLLDVVVENNLDIDGFGACEGTLA CSTCHLIFEDHIYEKLDAITDEENDMLDLAYGLTDRSRLGCQICLTSMNDNMTVRVPE TVADARQSIDVGKTSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

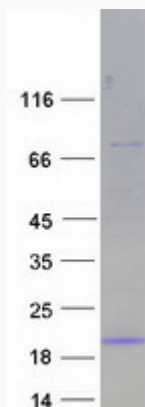
GENE INFORMATION

Gene Name	FDX1 ferredoxin 1 [Homo sapiens (human)]
Official Symbol	FDX1
Synonyms	FDX1; ferredoxin 1; FDX; adrenodoxin, mitochondrial; adrenodoxin; ADX; ferredoxin-1; heptaredoxin; adrenal ferredoxin; mitochondrial adrenodoxin; LOH11CR1D;
Gene ID	2230
mRNA Refseq	NM_004109
Protein Refseq	NP_004100
MIM	103260
UniProt ID	P10109

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SDS-PAGE

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