

Product datasheet for **TP301647M**

Adrenodoxin (FDX1) (NM_004109) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ferredoxin 1 (FDX1), nuclear gene encoding mitochondrial protein, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201647 protein sequence Red =Cloning site Green =Tags(s)
	 MAAAGGARLLRAASAVLGGPAGRWLHHAGSRAGSSGLLRNRPGGSAEASRSLVSARARSSSEDKITVH FINRDGETLTTKGKVGDSLDDVVENNLDIDGFGACEGLACSTCHLIFEDHIYEKLDIAITDEENDMLDL AYGLTDRSRLGCQICLTKSMDNMTVRVPETVADARQSIDVGKTS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004100
Locus ID:	2230
UniProt ID:	P10109



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RefSeq Size: 3155

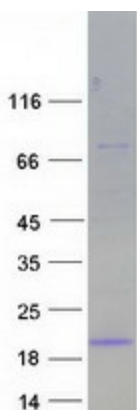
Cytogenetics: 11q22.3

RefSeq ORF: 552

Synonyms: ADX; FDX; LOH11CR1D

Summary: 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. [provided by RefSeq, Aug 2011]

Product images:



Coomassie blue staining of purified FDX1 protein (Cat# [TP301647]). The protein was produced from HEK293T cells transfected with FDX1 cDNA clone (Cat# [RC201647]) using MegaTran 2.0 (Cat# [TT210002]).