

Product datasheet for **TP300363L**

Ferredoxin Reductase (FDXR) (NM_024417) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ferredoxin reductase (FDXR), nuclear gene encoding mitochondrial protein, transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200363 representing NM_024417 Red =Cloning site Green =Tags(s)

MASRCWRWWGWSAWPRTLPPAGSTPSFCHHFSTQEKTPQICVWGSGPAGFYTAQHLLKHPQAHVDIYEK
QPVPFGLVRFVAPDHPEVKNVINTFTQTAHSGRCAFWGNVEVGRDVTPELREAYHAWVLSYGAEDHRA
LEIPGEELPGVCSARAFVWYNGLPENQELEPDLSCDTAVILGQGNVALDVARILLTPPEHLERTDITKA
ALGVLRQSRVKTWVLVGRRGLQVAFTIKELREMIQLPGARPILDVDFLGLQDKIKEVPRPRKRLTELL
LRTATEKPGPAEAARQASASRAWGLRFFRSPQQVLPSPDGRRAGVRLAVTRLEGVDEATRAVPTGDMED
LPCGLVLSSIGYKSRPVDPSVPFDSKLGVIPNVEGRVMDVPGLYCSGWVKRGPTGVIATTMTDSFLTGM
LLQDLKAGLLPSGPRPGYAAIQALLSSRGVRPVSFSDWEKLDAAEEVARGQGTGKPREKLVDPQEMLRLLG
H

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

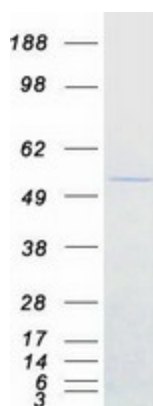
Tag:	C-Myc/DDK
Predicted MW:	49.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



[View online »](#)

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_077728
Locus ID:	2232
UniProt ID:	P22570 , A0A0C4DFN8
RefSeq Size:	1918
Cytogenetics:	17q25.1
RefSeq ORF:	1473
Synonyms:	ADR; ADXR; ANOA
Summary:	This gene encodes a mitochondrial flavoprotein that initiates electron transport for cytochromes P450 receiving electrons from NADPH. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Apr 2012]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified FDXR protein (Cat# [TP300363]). The protein was produced from HEK293T cells transfected with FDXR cDNA clone (Cat# [RC200363]) using MegaTran 2.0 (Cat# [TT210002]).