

## Product datasheet for **TP300363M**

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200363 representing NM_024417 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MASRCWRWWGWSAWPRTLPPAGSTPSFCHHFSTQEKTPQICVWGSGPAGFYTAQHLLKHPQAHVDIYEK  
QPVPFGLVRFVAPDHPEVKNVINTFTQTAHSGRCAFWGNVEVGRDVTPELREAYHAWVLSYGAEDHRA  
LEIPGEELPGVCSARAFVWYNGLPENQELEPDLSCDTAVILGQGNVALDVARILLTPPEHLERTDITKA  
ALGVLRQSRVKTWVLVGRRGLQVAFTIKELREMIQLPGARPILDVDFLGLQDKIKEVPRPRKRLTELL  
LRTATEKPGPAEAARQASASRAWGLRFFRSPQQVLPSPDGRRAGVRLAVTRLEGVDEATRAVPTGDMED  
LPCGLVLSSIGYKSRPVDPSVPFDSKLGVIPNVEGRVMDVPGLYCSGWVKRGPTGVIATTMTDSFLTGM  
LLQDLKAGLLPSGPRPGYAAIQALLSSRGVRPVSFSDWEKLDAAEEVARGQGTGKPREKLVDPQEMLRLLG  
H

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

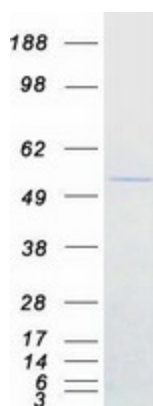
Tag:	C-Myc/DDK
Predicted MW:	49.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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

<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_077728</a>
<b>Locus ID:</b>	2232
<b>UniProt ID:</b>	<a href="#">P22570</a> , <a href="#">A0A0C4DFN8</a>
<b>RefSeq Size:</b>	1918
<b>Cytogenetics:</b>	17q25.1
<b>RefSeq ORF:</b>	1473
<b>Synonyms:</b>	ADR; ADXR; ANOA
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).