

## Product datasheet for **TP300363**

### 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, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC200363 representing NM\_024417  
**Red**=Cloning site **Green**=Tags(s)

MASRCWRWWGWSAWPRTLPPAGSTPSFCHHFSTQEKTPQICVWGSGPAGFYTAQHLLKHPQAHVDIYEK  
QPVPFGLVRFVAPDHPEVKNVINTFTQTAHSGRCAFWGNVEVGRDVTPELREAYHAWVLSYGAEDHRA  
LEIPGEELPGVCSARAFVWYNGLPENQELEPDLSCDTAVILGQGNVALDVARILLTPPEHLERTDITKA  
ALGVLRQSRVKTWLVGRRGPLQVAFTIKELREMIQLPGARPILDVDFLGLQDKIKEVPRPRKRLTELL  
LRTATEKPGPAEAARQASASRAWGLRFFRSPQQVLPSPDGRRAGVRLAVTRLEGVDEATRAVPTGDMED  
LPCGLVLSSIGYKSRPVDPSVPFDSKLGVIPNVEGRVMDVPGLYCSGWVKRGPTGVIATMTDSFLTGM  
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.



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<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]).