

## **Product datasheet for TP300363**

#### OriGene Technologies, Inc.

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

MASRCWRWWGWSAWPRTRLPPAGSTPSFCHHFSTQEKTPQICVVGSGPAGFYTAQHLLKHPQAHVDIYEK QPVPFGLVRFGVAPDHPEVKNVINTFTQTAHSGRCAFWGNVEVGRDVTVPELREAYHAVVLSYGAEDHRA LEIPGEELPGVCSARAFVGWYNGLPENQELEPDLSCDTAVILGQGNVALDVARILLTPPEHLERTDITKA ALGVLRQSRVKTVWLVGRRGPLQVAFTIKELREMIQLPGARPILDPVDFLGLQDKIKEVPRPRKRLTELL LRTATEKPGPAEAARQASASRAWGLRFFRSPQQVLPSPDGRRAAGVRLAVTRLEGVDEATRAVPTGDMED LPCGLVLSSIGYKSRPVDPSVPFDSKLGVIPNVEGRVMDVPGLYCSGWVKRGPTGVIATTMTDSFLTGQM LLQDLKAGLLPSGPRPGYAAIQALLSSRGVRPVSFSDWEKLDAEEVARGQGTGKPREKLVDPQEMLRLLG

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**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 49.9 kDa

Concentration:  $>0.05 \mu g/\mu L$  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.





#### Ferredoxin Reductase (FDXR) (NM\_024417) Human Recombinant Protein - TP300363

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:** <u>P22570</u>, <u>A0A0C4DFN8</u>

RefSeq Size: 1918 Cytogenetics: 17q25.1 RefSeq ORF: 1473

Synonyms: ADR; ADXR; ANOA

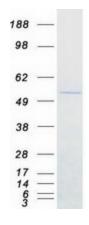
**Summary:** This gene encodes a mitochondrial flavoprotein that initiates electron transport for

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]).