

## Product datasheet for PH300363

### Ferredoxin Reductase (FDXR) (NM\_024417) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FDXR MS Standard C13 and N15-labeled recombinant protein (NP_077728)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200363
Predicted MW:	49.9 kDa
Protein Sequence:	>RC200363 representing NM_024417 Red=Cloning site Green=Tags(s)  MASRCWRWWGWSAWPRTLPPAGSTPSFCHHFSTQEKTPQICVVGSGPAGFYTAQHLLKHPQAHVDIYEK QPVPFGLVRFVAPDHPEVKVINTFTQTASHGRCAFVGNVEVGRDVTVPPELREAYHAVVLSYGAEDHRA LEIPGEELPGVCSARAFVWYNGLPENQELEPDLSCDTAVILGQGNVALDVARILLTPPEHLERTDITKA ALGVLRQSRVKTVWLVGRRGPLQVAFTIKELREMIQLPGARPILDVPDFLGLQDKIKEVPRPRKRLTELL LRTATEKPGPAEAAARQASASRAWGLRFFRSPQQVLPSPDGRRAAGVRLAVTRLEGVDEATRAVPTGDMED LPCGLVLSISIGYKSRPVDPSVPFDSKLVIPNVEGRVMDVPGLYCSGWVKGPTGVIATTMTDSFLTGQM LLQDLKAGLLPSGPRPGYAAIQALLSSRGVRPVFSDWEKLDAAEEVARGQGTGKPREKLVDPQEMLRLLG H  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_077728</a></u>
RefSeq Size:	1918
RefSeq ORF:	1473



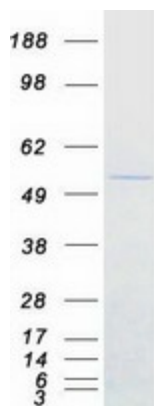
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**Synonyms:** ADR; ADXR; ANOA  
**Locus ID:** 2232  
**UniProt ID:** [P22570](#), [A0A0C4DFN8](#)  
**Cytogenetics:** 17q25.1

**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]).