

## Recombinant Human FDXR protein, MYC/DDK-tagged

Cat. No. FDXR-16H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FDXR, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	49.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	FDXR ferredoxin reductase [ Homo sapiens ]
<b>Official Symbol</b>	FDXR

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<b>Synonyms</b>	FDXR; ferredoxin reductase; ADXR; NADPH:adrenodoxin oxidoreductase, mitochondrial; AR; adrenodoxin reductase; ferredoxin--NADP(+) reductase;
<b>Gene ID</b>	<a href="#">2232</a>
<b>mRNA Refseq</b>	<a href="#">NM_024417</a>
<b>Protein Refseq</b>	<a href="#">NP_077728</a>
<b>MIM</b>	<a href="#">103270</a>
<b>UniProt ID</b>	<a href="#">P22570</a>
<b>Chromosome Location</b>	17q24-q25
<b>Pathway</b>	Direct p53 effectors, organism-specific biosystem;
<b>Function</b>	NADPH binding; NADPH-adrenodoxin reductase activity; ferredoxin-NADP+ reductase activity; nucleotide binding; protein binding;

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