

## Recombinant Human FDXR, GST-tagged

Cat. No. FDXR-12836H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FDXR protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	142-491a.a.
<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>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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_001258012</a>
<b>Protein Refseq</b>	<a href="#">NP_001244941</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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA