

Recombinant Human FDXR protein, MYC/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	FDXR ferredoxin reductase [Homo sapiens]
Official Symbol	FDXR

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

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