Recombinant Human FDXR, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human FDXR protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	142-491a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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

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Synonyms	FDXR; ferredoxin reductase; ADXR; NADPH:adrenodoxin oxidoreductase, mitochondrial; AR; adrenodoxin reductase; ferredoxin--NADP(+) reductase;
Gene ID	2232
mRNA Refseq	NM_001258012
Protein Refseq	NP_001244941
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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