

Recombinant Human FDXR protein, His/T7-tagged

Cat. No. FDXR-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FDXR(Ser33~Arg219) fused with His/T7 tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser33~Arg219
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	Predicted Molecular Mass: 24.1kDa; Accurate Molecular Mass: 24.1kDa(Analysis of differences refer to the manual)
Endotoxin	Less than 0.1 ng/g (1 IEU/g) as determined by LAL test.
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 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

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

FDXR ferredoxin reductase [Homo sapiens]

Official Symbol

FDXR

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;

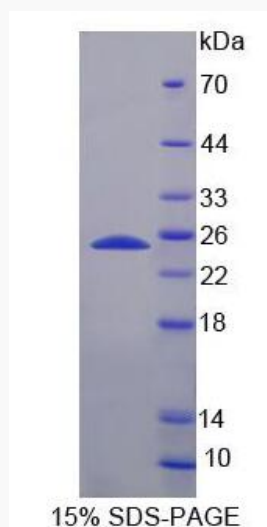
 Tel: 1-631-559-9269 1-516-512-3133

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

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

Function

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 Fax: 1-631-938-8127

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