

Recombinant Human FDXR protein, His-tagged

Cat. No. FDXR-3406H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FDXR protein(142-491 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	142-491 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	EIPGEELPGVCSARAFVWYNGLPENQELEPDLSCDTAVILGQGNVALDVARILLTP PEHLERTDITKAALGVLRQSRVKTVWLVGRRGPLQVAFTIKELREMIQLPGARPILD VDFLGLQDKIKEVPRPRKRLTELLLRATEKPGPAEAAARQASASRAWGLRFFRSPQ QVLPSPDGRRAAGVRLAVTRLEGVDEATRAVPTGDMEDLPCGLVLSSIGYKSRPVD PSVPFDSKLGVIPNVEGRVMDVPGLYCSGWVKRGPTGVIATTMTDSFLTGMQLLQD LKAGLLPSGPRPGYAAIQALLSSRGVRPVSFSDWEKLDAAEEVARGQGTGKPREKLV DPQEMLRLLGH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 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

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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](#)

 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