

Ferredoxin Reductase (FDXR) Recombinant Protein | FDXR recombinant protein

Recombinant Ferredoxin Reductase (FDXR)

CATALOG # AAA147176	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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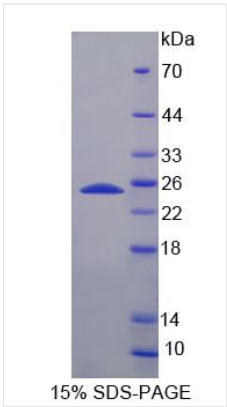
PRODUCT SYNONYMS

Ferredoxin Reductase (FDXR); Recombinant Ferredoxin Reductase (FDXR); ADXR; AR; Adrenodoxin Oxidoreductase; Mitochondrial; Adrenodoxin reductase; Ferredoxin--NADP(+) reductase; FDXR recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	534
Applicable Applications for FDXR recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Ser33~Arg219
Tag	N-terminal His-tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Source Note	Prokaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.3
Subcellular Location	Mitochondrion
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C 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.

IMAGES



STQEKTPQ ICVVGSGPAG
FYTAQHLLKH PQAHVDIYEK QPVPFGLVRF GVAPDHPEVK NVINTFTQTA
HSGRCFAFGN VEVGRDVTVP ELREAYHAVV LSYGAEDHRA LEIPGEELPG
VCSARAFVGH YNGLPENQEL EPDLSCDTAV ILQGQGNVALD VARILLTPPE
HLERTDITKA ALGVLRQSR

Sequence

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for FDXR recombinant protein	Recombinant Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	731184190
NCBI GeneID	2232
NCBI Accession #	NP_001244941.2
NCBI GenBank Nucleotide #	NM_001258012.3
UniProt Accession #	P22570; Q13716; Q4PJ10; Q9BU12; B4DDI7; B4DHX5; B4DQQ4; B4DX24; B7Z7G2; E7EQC1
Molecular Weight	24.1kDa
NCBI Official Full Name	NADPH:adrenodoxin oxidoreductase, mitochondrial isoform 3
NCBI Official Synonym Full Names	ferredoxin reductase
NCBI Official Symbol	FDXR
NCBI Official Synonym Symbols	ADXR
NCBI Protein Information	NADPH:adrenodoxin oxidoreductase, mitochondrial
UniProt Protein Name	NADPH:adrenodoxin oxidoreductase, mitochondrial
UniProt Gene Name	FDXR
UniProt Synonym Gene Names	ADXR; AR; Adrenodoxin reductase; Ferredoxin reductase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fdxr-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/147176>