Recombinant Mouse Fdxr protein, His & T7-tagged

Cat. No. Fdxr-1728M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fdxr aa. (Ser35~Gly252 (Accession # Q61578)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser35~Gly252
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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°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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

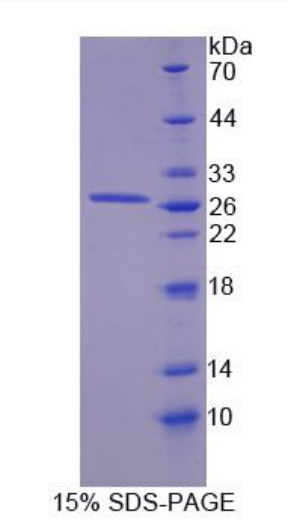
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	-80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.
Isoelectric Point	6

GENE INFORMATION

Gene Name	Fdxr ferredoxin reductase [Mus musculus (house mouse)]
Official Symbol	Fdxr
Synonyms	Fdxr; ferredoxin reductase; NADPH:adrenodoxin oxidoreductase, mitochondrial; AR; adrenodoxin reductase; ferredoxin--NADP(+) reductase
Gene ID	14149
mRNA Refseq	NM_007997.1
Protein Refseq	NP_032023.1
UniProt ID	Q61578

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SDS-PAGE	 15% SDS-PAGE

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