

Adrenodoxin, mitochondrial (FDX1) Recombinant Protein | FDX1 recombinant protein

Recombinant Bovine Adrenodoxin, mitochondrial (FDX1)

CATALOG # AAA113504	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Adrenodoxin; mitochondrial (FDX1); Recombinant Bovine Adrenodoxin; FDX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	59-186aa; Full Length of Mature Protein
Sequence	SSSEDKITVH FINRDGETLT TKGKIGDSL DVVVQNNLDI DGFGACEGTL ACSTCHLIFE QHIFEKLEAI TDEENDMLDL AYGLTDRSRL GCQICLTAM DNMTVRVPA VSDARESISM GMNSSKIE
Sequence Length	186
Species	Bovine
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for FDX1 recombinant protein	The product of this gene is a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to a terminal cytochrome P450. This particular oxidation reduction system is found in steroidogenic tissues, and is involved with the synthesis of bile acid and vitamin D. In addition to the expressed gene at this chromosomal locus (11q22), there are pseudogenes located on chromosomes 20 and 21. This gene product has been identified in a number of different tissues but all forms have been shown to be identical and are not tissue specific.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30794316
NCBI GeneID	281157
NCBI Accession #	NP_851354.1
NCBI GenBank Nucleotide #	NM_181011.2
UniProt Accession #	P00257 ; P08498 ; P12713 ; Q32KZ0 ; A5D9I2

Molecular Weight	15.3 kDa
NCBI Official Full Name	adrenodoxin, mitochondrial
NCBI Official Symbol	FDX1
NCBI Protein Information	adrenodoxin, mitochondrial
UniProt Protein Name	Adrenodoxin, mitochondrial
UniProt Gene Name	FDX1
UniProt Synonym Gene Names	ADX

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/fdx1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113504>