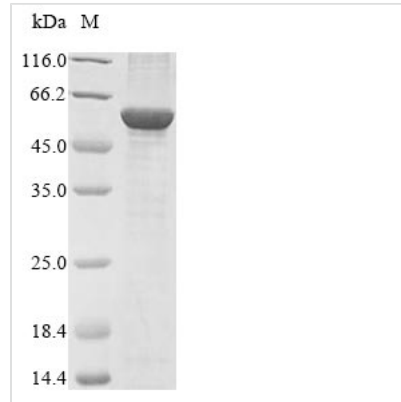




Recombinant Bovine NADPH:adrenodoxin oxidoreductase, mitochondrial (FDXR)

Product Code	CSB-EP008575BO
Abbreviation	Recombinant Bovine FDXR protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P08165
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	STQEQTPQICVVGSGPAGFYTAQHLLKHHSRAHVDIYEKQLVPPFGLVRFGLVAP DHPEVKNVINTFTQTARSDRCAFYGNVEVGRDVTVQELQDAYHAVVLSYGAE DHQALDIPGEELPGVFSARAFVWYNGLPENRELAPDLSCDTAVILGQGNVAL DVARILLTPPDHLEKTDITEAALGALRQSRVKTWVWVGRGRLQVAFTIKELREM IQLPGTRPMLDPADFLGLQDRIKEAARPRKRLMELLRLTATEKPGVEEAARRA SASRAWGLRFFRSPQQVLPSPDGRRAAGIRLAVTRLEGIGEATRAVPTGDVE DLPCGLVLSSIGYKSRPIDPSVPFDPKLGVVPNMEGRVVDVPGLYCSGWVKR GPTGVITTTMTDSFLTGQILLQDLKAGHLPSPRPGSAFIKALLDSRGVWPVVSF SDWEKLDAAEEVSRGQASGKPREKLLDPQEMLRLLGH
Research Area	Cell Biology
Source	E.coli
Target Names	FDXR
Protein Names	Recommended name: NADPH:adrenodoxin oxidoreductase, mitochondrial Short name= AR Short name= Adrenodoxin reductase EC= 1.18.1.2 Alternative name(s): Ferredoxin--NADP(+) reductase Short name= Ferredoxin reductase
Expression Region	33-492aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	55.8 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.