

Recombinant Human FDXR protein, His-SUMO-tagged

Cat. No. FDXR-2898H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FDXR protein(P22570)(33-451aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	33-451aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	61.6 kDa
AA Sequence	STQEKTPQICVVGSGPAGFYTAQHLLKQHPQAHVDIYEKQPVPFGLVRFVAPDHP EVKSYGAEDHRALEIPGEELPGVCSARAFVWYNGLPENQELEPDLSCDTAVILGQ GNVALDVARILLTPPEHLERTDITKAALGVLRQSRVKTWVLVRRGRLQVAFTIKELR EMIQLPGARPILDPVDFLGLQDKIKEVPRPRKRLTELLLRATEKPGPAEAARQASAS RAWGLRFFRSPQQVLPSPDGRRAAGVRLAVTRLEGVDEATRAVPTGDMEDLPCGL VLSSIGYKSRPVDPSVPFDSKLGVIPNVEGRVMDVPGLYCSGWVKRGPTGVIATTM TDSFLTGMQLLQDLKAGLLPSGPRPGYAAIQALLSSRGVPRVPSFSDWEKLDAAEEVA RGQGTGKPREKLVDPQEMLRLLGH

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

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

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