

Recombinant Human FDXR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FDXR-1648H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

FDXR MS Standard C13 and N15-labeled recombinant protein (NP_077728) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a mitochondrial flavoprotein that initiates electron transport for cytochromes P450 receiving electrons from NADPH. Multiple alternatively spliced transcript variants have been found for this gene.

Molecular Mass

49.9 kDa

AA Sequence

MASRCWRWWGWSAWPRTRLPPAGSTPSFCHHFSTQEKTPQICVVGSGPAGFYTA
 QHLLKHPQAHVDIYEKQVPVFGLVRFVAPDHPEVKNVINTFTQTAHSGRCAFWGN
 VEVGRDVTPELREAYHAVVLSYGAEDHRALEIPGEELPGVCSARAFVWGYNGLPE
 NQELEPDLSCDTAVILGQGNVALDVARILLTPPEHLERTDITKAALGVLQRVKTW
 LVGRRGPLQVAFTIKELREMIQLPGARPILDPVDFLGLQDKIKEVPRPRKRLTELLRT
 ATEKPGPAEAAARQASASRAWGLRFFRSPQQVLPSPDGRRAAGVRLAVTRLEGVDE
 ATRAVPTGDMEDLPCGLVLSSIGYKSRPVDPSVPFDSKLGVIPNVEGRVMDVPGLY
 CSGWVKRGPTGVIATTMTDSFLTQMLLQDLKAGLLPSGPRPGYAAIQALLSSRGV
 RPSVFSWKLDAEEVARGQGTGKPREKLVDPQEMLRLLGHTRTRPLEQKLISEED
 LAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

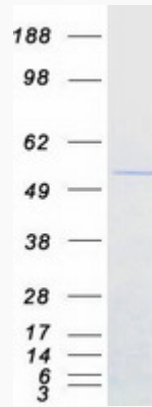
Gene Name	FDXR ferredoxin reductase [Homo sapiens (human)]
Official Symbol	FDXR
Synonyms	FDXR; ferredoxin reductase; ADXR; NADPH:adrenodoxin oxidoreductase, mitochondrial; AR; adrenodoxin reductase; ferredoxin--NADP(+) reductase;
Gene ID	2232
mRNA Refseq	NM_024417
Protein Refseq	NP_077728
MIM	103270
UniProt ID	P22570

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SDS-PAGE



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