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 QHLLKHPQAHVDIYEKQPVPFGLVRFGVAPDHPEVKNVINTFTQTAHSGRCAFWGN VEVGRDVTVPELREAYHAVVLSYGAEDHRALEIPGEELPGVCSARAFVGWYNGLPE NQELEPDLSCDTAVILGQGNVALDVARILLTPPEHLERTDITKAALGVLRQSRVKTVW LVGRRGPLQVAFTIKELREMIQLPGARPILDPVDFLGLQDKIKEVPRPRKRLTELLLRT ATEKPGPAEAARQASASRAWGLRFFRSPQQVLPSPDGRRAAGVRLAVTRLEGVDE ATRAVPTGDMEDLPCGLVLSSIGYKSRPVDPSVPFDSKLGVIPNVEGRVMDVPGLY CSGWVKRGPTGVIATTMTDSFLTGQMLLQDLKAGLLPSGPRPGYAAIQALLSSRGV RPVSFSDWEKLDAEEVARGQGTGKPREKLVDPQEMLRLLGHTRTRPLEQKLISEED LAANDILDYKDDDDKV

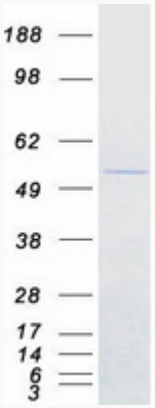
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	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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