

Product datasheet for **SC332570**

Ferredoxin Reductase (FDXR) (NM_001258015) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ferredoxin Reductase (FDXR) (NM_001258015) Human Untagged Clone
Tag: Tag Free
Symbol: Ferredoxin Reductase
Synonyms: ADR; ADXR; ANOA
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332570 representing NM_001258015.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTTCGCGCTGCTGGCGCTGGTGGGGCTGGTGGCGTGGCCTCGGACCCGGTGCCTCCCGCCGGG
AGCACCCCGAGCTTCTGCCACCATTTCTCCACACAGGAGAAGACCCCCAGATCTGTGTGGTGGGCAGT
GGCCAGCTGGCTTCTACACGGCCCAACACCTGCTAAAGCAGCACCCCCAGGCCACGTGGACATCTAC
GAGAAACAGCCTGTGCCCTTTGGCTGGTGGCTTTGGTGTGGCGCTGATCACCCCGAGGTGAAGAGC
TACGGGGCAGAGGACCATCGGGCCCTGAAATTCCTGGTGAAGAGCTGCCAGGTGTGTGCTCCGCCCGG
GCCTTCGTGGGCTGGTACAACGGGCTTCTGAGAACCAGGAGCTGGAGCCAGACCTGAGCTGTGACACA
GCCGTGATTTCTGGGGCAGGGGAACGTGGCTCTGGACGTGGCCCGCATCTACTGACCCCACTGAGCAC
CTGGAGAGAACGGACATCACGAAGGCAGCCCTGGGTGTACTGAGGCAGAGTCGAGTGAAGACAGTGTGG
CTAGTGGGCCGGCGTGGACCCCTGCAAGTGGCCTTACCATTAAAGGAGCTTCGGGAGATGATTCAGTTA
CCGGGAGCCCGGCCATTTTGGATCCTGTGGATTTCTTGGGTCTCCAGGACAAGATCAAGGAGGTCCCC
CGCCCGAGGAAGCGGCTGACGGAAGTGTGCTTCGAACGGCCACAGAGAAGCCAGGGCCGGCGGAAGT
GCCCGCCAGGCATCGGCCTCCCGTGCCTGGGGCCTCCGCTTTTCCGAAGCCCCAGCAGGTGTGCC
TCACCAGATGGGCGGCGGGCAGCAGGTGTCCGCCTAGCAGTCACTAGACTGGAGGGTGTGATGAGGCC
ACCCGTGCAGTGCCACGGGAGACATGGAAGACCTCCCTTGTGGGCTGGTGTGCTCAGCAGCATTGGGTAT
AAGAGCCGCCCTGTGACCCCAAGCGTGCCCTTTGACTCCAAGCTTGGGGTTCATCCCAATGTGGAGGGC
CGGTTATGGATGTGCCAGGCCTCTACTGCAGCGGCTGGGTGAAGAGAGGACCTACAGGTGTGATAGCC
ACAACCATGACTGACAGCTTCTCACCGGCCAGATGCTGCTGCAGGACCTGAAGGCTGGGTGTGCTCCC
TCTGGCCCCAGGCCTGGCTACGCAGCCATCCAGGCCCTGCTCAGCAGCCAGGGGTCCGGCCAGTCTCT
TTCTCAGACTGGGAGAAGCTGGATGCCAGGAGGTGGCCCGGGGCCAGGGCACGGGAAGCCAGGGAG
AAGCTGGTGGATCCTCAGGAGATGCTGCGCCTCCTGGGCCACTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001258015
Insert Size: 1356 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001258015.1
RefSeq Size:	1780 bp
RefSeq ORF:	1356 bp
Locus ID:	2232
UniProt ID:	P22570
Cytogenetics:	17q25.1
Protein Families:	Druggable Genome
MW:	49.4 kDa
Gene Summary:	<p>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. [provided by RefSeq, Apr 2012]</p> <p>Transcript Variant: This variant (6) lacks an in-frame exon in the coding region, compared to variant 1. The resulting isoform (6) is shorter than isoform 1.</p>