Datasheet for ABIN2721019

# Ferredoxin1 (FDX1) protein (Myc-DYKDDDDK Tag)

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## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 20 µg |
| Target: | Ferredoxin1 (FDX1) |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | Myc-DYKDDDDK Tag |
| Application: | Antibody Production (AbP), Standard (STD) |

## Product Details

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|---|---|
| Characteristics: | • Recombinant human Ferredoxin-1 (FDX1) protein expressed in HEK293 cells.<br>• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

## Target Details

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|---|---|
| Target: | Ferredoxin1 (FDX1) |
| Alternative Name: | Ferredoxin-1 (Fdx1) (FDX1 Products) |
| Background: | This gene encodes a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to mitochondrial cytochrome P450, involved in steroid, vitamin D, and bile acid metabolism. Pseudogenes of this functional gene are found on chromosomes 20 and 21. |
| Molecular Weight: | 13.5 kDa |

## Target Details

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|---|---|
| NCBI Accession: | NP_004100 |

## Application Details

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|---|---|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

## Handling

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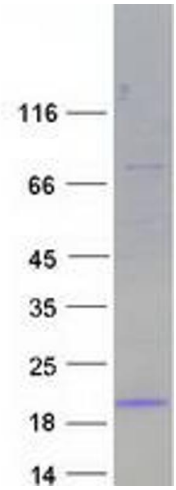
|---|---|
| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

## Images




**Western Blotting**

**Image 1.** Validation with Western Blot