

Product datasheet

Recombinant Human Ferredoxin Reductase protein ab158428

[1 Image](#)

Overview

Product name	Recombinant Human Ferredoxin Reductase protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	YCSGWVKRGPTGVIATTMTDSFLTGQMLLQDLKAGLL PSGPRPGYAAIQA LLSSRGVRPVSFSDWEKLDAAEEVARGQGTGKPREKL VDPQEMLRLLGH
Amino acids	394 to 491
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158428** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

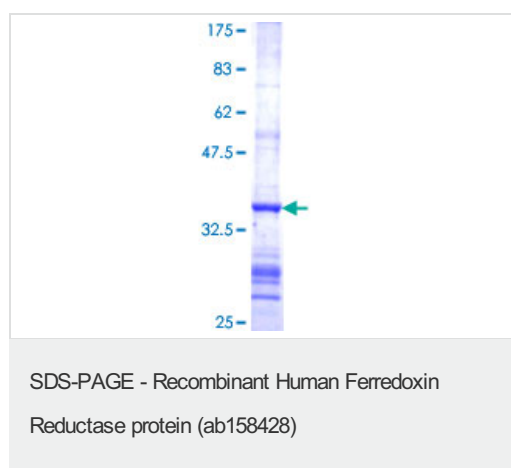
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Serves as the first electron transfer protein in all the mitochondrial P450 systems. Including cholesterol side chain cleavage in all steroidogenic tissues, steroid 11-beta hydroxylation in the adrenal cortex, 25-OH-vitamin D3-24 hydroxylation in the kidney, and sterol C-27 hydroxylation in the liver.
Pathway	Steroid metabolism; cholesterol metabolism.
Sequence similarities	Belongs to the ferredoxin--NADP reductase type 1 family.
Cellular localization	Mitochondrion matrix.

Images



ab158428 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

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