

Product datasheet

Recombinant Human Ferredoxin Reductase protein
ab158428

1 Image

Description

Product name	Recombinant Human Ferredoxin Reductase protein		
Expression system	Wheat germ		
Protein length	Protein fragment		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	YCSGWVKRGPTGVIATTMTDSFLTGQMLLQDLKAGLLPS GPRPGYAAIQA LLSSRGVVRPVVSFSDWEKLDAAEEVARGQGTGKPREKLVD PQEMLRLLGH		
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	

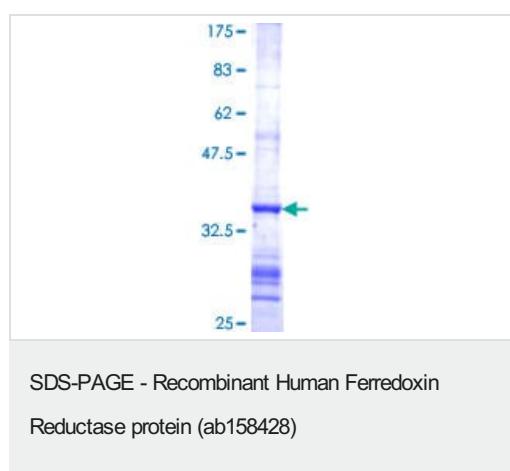
Preparation and Storage

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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
- We provide support in Chinese, English, French, German, Japanese and Spanish
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