

## Recombinant Bovine FDX1 Protein (59-186 aa), His-tagged

**Cat. No.** FDX1-2645B    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Bovine FDX1 Protein (59-186 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein. |
| <b>Species</b>          | Bovine                                                                                                                                                                                                                       |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 59-186 aa                                                                                                                                                                                                                    |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 15.3 kDa                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | SSSEDKITVHFINRDGETLTTKGKIGDSLDDVVVQNNLDIDGFGACEGTLACSTCHLIF<br>EQHIFEKLEAITDEENDMLDLAYGLTDRSRLGCQICLTAMDNMTVRVPDAVSDARE<br>SIDMGMNSSKIE                                                                                      |
| <b>Purity</b>           | > 85% as determined by SDS-PAGE.                                                                                                                                                                                             |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                 |
| <b>Storage</b>          | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form                                          |

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is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** FDX1 ferredoxin 1 [ Bos taurus (cattle) ]

**Official Symbol** FDX1

**Synonyms** FDX1;

**Gene ID** 281157

**mRNA Refseq** NM\_181011

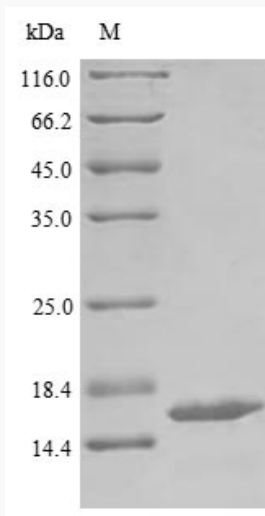
**Protein Refseq** NP\_851354

**UniProt ID** P00257

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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