

## Recombinant Pig FTCD protein(1-326aa), MBP&His-Avi-tagged

**Cat. No.** FTCD-432P    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Pig FTCD protein(P53603)(1-326aa), fused with N-terminal MBP and C-terminal His and Avi tag, was expressed in E. coli.                                                                                                  |
| <b>Species</b>           | Pig                                                                                                                                                                                                                                              |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>     | 1-326aa                                                                                                                                                                                                                                          |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                                           |
| <b>Form</b>              | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.               |
| <b>Molecular Mass</b>    | 83.7 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>            | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>           | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

#### AA Sequence

MSQLVECVPNFSEGKNQEVIDAISRAVAQTPGCVLLDVDSGPSTNRTVYTFVGRPE  
DVVEGALNAARAAYQLIDMSRHHGEHPRMGALDVCPFIPVRGVTMDECVRCAQAF  
GQRLAEELGVPVYLYGEAARTAGRQSLPALRAGEYEALPEKCLKQAEWAPDFGPSAF  
VPSWGATVAGARKFLLAFNINLLSTREQAHRIALDLREQGRGKDQPGRLKKVQAIG  
WYLDEKNLAQVSTNLLDFEVTGLHTVFEETCREAQELSLPVVGSQVLVPLKALLD  
AAAFYCEKENLFLQDEHRIRLVNRLGLDSLAPFKPKERIIIEYLV

### GENE INFORMATION

**Gene Name** FTCD formiminotransferase cyclodeaminase [ *Sus scrofa* ]

**Official Symbol** FTCD

**Synonyms** FTCD; formiminotransferase cyclodeaminase; formimidoyltransferase-cyclodeaminase; formiminotransferase-cyclodeaminase;

**Gene ID** 397517

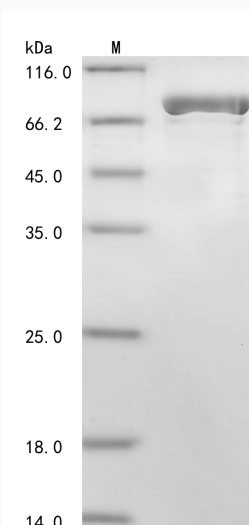
**mRNA Refseq** NM\_214275

**Protein Refseq** NP\_999440

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**SDS-PAGE**

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