

# Recombinant Full Length Bovine Upf0466 Protein C22Orf32 Homolog, Mitochondrial Protein, His-Tagged

**Cat. No.** RFL16218BF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Bovine UPF0466 protein C22orf32 homolog, mitochondrial Protein (Q2M2S2) (48-107aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Bovine                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                             |
| <b>ProteinLength</b>    | Full Length of Mature Protein (48-107)                                                                                                                             |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                 |
| <b>AA Sequence</b>      | VIVTRSGAILPKPKVMSFGLLRVFSIVIPFLYVGTLISKNF AALLEEHDIFVPEDDDDDDD                                                                                                     |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                        |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                     |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                        |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the                                                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

|            |                                                                                                                             |
|------------|-----------------------------------------------------------------------------------------------------------------------------|
| Gene Name  | SMDT1                                                                                                                       |
| Synonyms   | SMDT1; EMRE; Essential MCU regulator, mitochondrial; Single-pass membrane protein with aspartate-rich tail 1, mitochondrial |
| UniProt ID | <a href="#">Q2M2S2</a>                                                                                                      |

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