

# Recombinant Full Length Danio Rerio Reactive Oxygen Species Modulator 1(Romo1) Protein, His-Tagged

**Cat. No.** RFL7920DF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Danio rerio Reactive oxygen species modulator 1(romo1) Protein (Q6NYD1) (1-80aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | zebrafish                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                           |
| <b>ProteinLength</b>    | Full Length (1-80)                                                                                                                                               |
| <b>Form</b>             | Lyophilized powder                                                                                                                                               |
| <b>AA Sequence</b>      | MPVSVGSYGQQAQPSCFDRVKMGFMMGFAVGMAGAMFGTFSCLRIGMRGREL<br>MGGVGKT MMQSGGTFGTFFMAIGMGIRC                                                                            |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                      |
| <b>Applications</b>     | 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.                                                   |

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**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** 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 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** romo1

**Synonyms** romo1; zgc:73345; Reactive oxygen species modulator 1; ROS modulator 1; Protein MGR2 homolog

**UniProt ID** [Q6NYD1](#)

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