

# Recombinant Rat Gulo Full Length Transmembrane protein, His-tagged

**Cat. No.** Gulo-203R    **Lot. No.** (See product label)

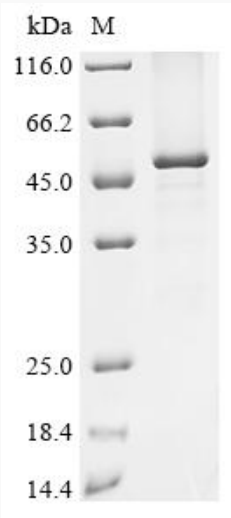
## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | Recombinant Rat Gulo protein(P10867)(2-440aa), fused with C-terminal His tag, was expressed in in vitro E. coli expression system.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 2-440aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>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>   | 52.0 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | VHGYKGVQFQNWAKTYGCSPEVYYQPTSVEEVREVLALAREQKKKVKVVGGGHSP<br>SDIACDGDGFMHMGKMNRVLQVDKEKKQITVEAGILLADLHPQLDEHGLAMSNLGAV<br>SDVTVAGVIGSGTHNTGIKHGILATQVVALTLMTADGEVLECSESERNADV FQAARVH<br>LGCLGIILTVTLQCVPQFHLQETSFPSTLKEVLDNLDShLKRSEYFRFLWFPHTENVSI<br>IYQDHTNKAPSSASNWFWDYAIGFYLLFLLWTSTYLPCLVGWINRFFFWMLFNCKK<br>ESSNLSHKIFTYECRFKQHVQDWAIPREKTKEALLELKAMLEAHPKVVAHYPVEVRF<br>TRGDDILLSPCFQRDSCYMNIMYRPYGKDVPRLDYWLAYETIMKKFGGRPHWAKA<br>HNCTQKDFEEMYPTFHKFCDIREKLDPTGMFLNSYLEKV FY |

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| <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> | 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. |
| <b>SDS-PAGE</b>       |                                                                                                                        |