

## Recombinant Mouse GLO1 protein(Ala2-Ile184), His-tagged

**Cat. No.** Glo1-872M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse GLO1 (NP_079650.3) (Ala 2-Ile 184) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-184 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant mouse GLO1 consisting of 190 amino acids and has a calculated molecular mass of 21.6 kDa. The apparent molecular mass of the rmGOL1 is approximately 25 and 48 kDa in SDS-PAGE under reducing conditions, corresponding to the monomer and dimer respectively.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

**Gene Name** Glo1 glyoxylase 1 complex [ Mus musculus ]

**Official Symbol** GLO1

**Synonyms** GLO1; glyoxylase 1 complex; Glo-1;

**Gene ID** 14648

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