

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

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

SPECIFICATION

Product Overview	Recombinant Mouse GLO1 (NP_079650.3) (Ala 2-Ile 184) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	2-184 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Purity	> 85 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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]
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Official Symbol	GLO1
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Synonyms	GLO1; glyoxylase 1 complex; Glo-1;
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Gene ID	14648
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