

Mouse GLO1/Glyoxalase 1 (His Tag) recombinant protein



Catalog Number: 502664

General Information

Gene Name Synonym

Glyoxalase I

Protein Construction

A DNA sequence encoding the mouse GLO1 (NP_079650.3) (Ala 2-Ile 184) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Mouse

Expression Host

E. coli

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

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.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

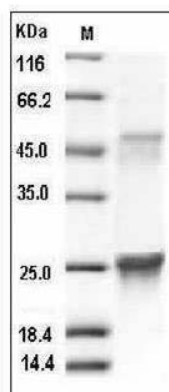
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Mouse GLO1 / Glyoxalase 1 Protein (His Tag) SDS-PAGE