

Recombinant Mouse Glo1 Protein, MYC/DDK-tagged

Cat. No. Glo1-437M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse glyoxalase 1 (Glo1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in liver adult (RPKM 62.5), liver E18 (RPKM 45.7) and 28 other tissues.
Molecular Mass	20.8 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Glo1 glyoxalase 1 [Mus musculus (house mouse)]
Official Symbol	Glo1
Synonyms	Glo1; glyoxalase 1; GLY1; Qglo; Glo-1; Glo-1r; Glo-1s; Glo1-r; Glo1-s; AW550643; 0610009E22Rik; 1110008E19Rik; 2510049H23Rik; lactoylglutathione lyase; S-D-lactoylglutathione methylglyoxal lyase; aldoketomutase; glx I; glyoxalase 1 complex; glyoxalase 1 regulatory; glyoxalase 1 structural; glyoxalase I; ketone-aldehyde mutase; methylglyoxalase; EC 4.4.1.5
Gene ID	109801
mRNA Refseq	NM_025374
Protein Refseq	NP_079650
UniProt ID	Q9CPU0

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