

## Recombinant Mouse Glo1 Protein, MYC/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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

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