

# Recombinant Mouse Grhpr Protein, His-SUMO-tagged

**Cat. No.** Grhpr-1231M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Grhpr Protein (1-328aa) was expressed in E. coli with N-terminal His-SUMO-tag.                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 1-328 a.a.                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 51.3 kDa                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MKPARLMKVFVTGPLPAEGRAALAQAADCEVEQWNSDDPIPRKDLEQGVVGAHGL<br>LCRLSDRVDDKLLDAAGANLRVISTLSVGVDHLALDEIKKRGIRVGYTPGVLTDATAE<br>LAVSLLLTTCRRLPEAIEEVKNGGWSSWSPLWMCGYGLSQSTVGIVGLGRIGQAIAR<br>RLKPFQGVQRFLYTGRQPRPQEAQAEFVPIAQLAAESDFIVVSCSLTPDTMGLCS<br>KDFQKMKNTAIFINISRGDVVNQEDLYQALASGQIAAAGLDVTTPEPLPPSHPLLT<br>KNCVILPHIGSATYKTRNTMSLLAANNLLAGLRGEAMPSELKL |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.                                                                                                                                                                                            |

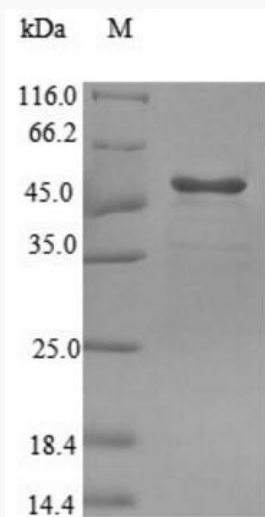
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## GENE INFORMATION

|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| Gene Name       | Grhpr glyoxylate reductase/hydroxypyruvate reductase [ Mus musculus (house mouse) ] |
| Official Symbol | Grhpr                                                                               |
| Synonyms        | Glxr; 1110059D05Rik; 6430629L09Rik; Grhpr                                           |
| Gene ID         | 76238                                                                               |
| mRNA Refseq     | NM_080289.2                                                                         |
| Protein Refseq  | NP_525028.1                                                                         |
| UniProt ID      | Q91Z53                                                                              |



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