# Recombinant Human GRHPR, GST-tagged

**Cat. No.** GRHPR-13526H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human GRHPR protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 100-328a.a. |
| **Description** | This gene encodes a guanosine triphosphatase enzyme. The encoded protein may play a role in DNA repair and may function in activation of transcription. Alternatively spliced transcript variants have been described. |
| **Storage** | The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100,15%glycerol. |

## GENE INFORMATION

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| **Gene Name** | GRHPR glyoxylate reductase/hydroxypyruvate reductase [ Homo sapiens ] |
| **Official Symbol** | GRHPR |

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| **Synonyms** | GRHPR; glyoxylate reductase/hydroxypyruvate reductase; GLXR; PH2; primary hyperoxaluria type 2; glycerate-2-dehydrogenase; GLYD; |
| **Gene ID** | 9380 |
| **mRNA Refseq** | NM_012203 |
| **Protein Refseq** | NP_036335 |
| **MIM** | 604296 |
| **UniProt ID** | Q9UBQ7 |
| **Chromosome Location** | 9q12 |
| **Pathway** | Glycine, serine and threonine metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, conserved biosystem; Glyoxylate and dicarboxylate metabolism, organism-specific biosystem; Glyoxylate and dicarboxylate metabolism, conserved biosystem; Glyoxylate metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; |
| **Function** | NAD binding; cofactor binding; glycerate dehydrogenase activity; glyoxylate reductase (NADP) activity; glyoxylate reductase (NADP) activity; hydroxypyruvate reductase activity; nucleotide binding; oxidoreductase activity; oxidoreductase activity, acting o |

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