

## Recombinant Human GRHPR Protein, GST-tagged

**Cat. No.** GRHPR-5329H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GRHPR full-length ORF ( AAH00605, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in this gene. [provided by RefSeq]
<b>Molecular Mass</b>	61.82 kDa
<b>AA Sequence</b>	MRPVRLMKVVFVTRRIPAEGRVALARAADCEVEQWDSDEPIPAKELERGVAGAHGLL CLLSDHVDKRILDAAGANLKVISTMSVGIDHLALDEIKKRGIRVGYTPDVLDTTAEALA VLLLLTTCRRLPEAIEEVKNGGWTSWKPLWLCGYGLTQSTVGIIGLGRIGQAIARRLK PFGVQRFLYTGRQRPPEAAEFQAEFVSTPELAAQSDFIVVACSLTPATEGLCNKDF FQMKKETAVFINISRGDVVNQDDLYQALASGKIAAAGLDVTSPEPLPTNHPLLLTLKNC VILPHIGSATHRTRNTMSLLAANNLLAGLRGEPMPSELKL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GRHPR glyoxylate reductase/hydroxypyruvate reductase [ Homo sapiens ]
<b>Official Symbol</b>	GRHPR
<b>Synonyms</b>	GRHPR; glyoxylate reductase/hydroxypyruvate reductase; GLXR; PH2; primary hyperoxaluria type 2; glycerate-2-dehydrogenase; GLYD;
<b>Gene ID</b>	9380
<b>mRNA Refseq</b>	NM_012203
<b>Protein Refseq</b>	NP_036335
<b>MIM</b>	604296
<b>UniProt ID</b>	Q9UBQ7

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**Quality Control  
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

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