

Recombinant Full Length Human GRHPR Protein, GST-tagged

Cat. No. GRHPR-5619HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRHPR full-length ORF (AAH00605, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	328 amino acids
Description	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]
Molecular Mass	61.82 kDa
AA Sequence	MRPVRLMKVFVTRRIPAEGRVALARAADCEVEQWDSDEPIPAKELERGVAGAHGLL CLLSDHVDKRILDAAGANLKVISTMSVGIDHLALDEIKKRGIRVGYTPDVLDTTAEALA VSLLLTTCRRLPEAIEEVKNGGWTSWKPLWLCCGYGLTQSTVGIIGLGRIGQAIARRLK PFGVQRFLYTGRQPRPEEAAEFQAEFVSTPELAAQSDFIVVACSLTPATEGLCNKDF FQKMKETAVFINISRGDVVNQDDLYQALASGKIAAAGLDVTSPEPLPTNHPLLLTLKNC VILPHIGSATHRTRNTMSLLAANNLLAGLRGEPMPSELKL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GRHPR glyoxylate reductase/hydroxypyruvate reductase [Homo sapiens]
Official Symbol	GRHPR
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

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