

Glyoxylate reductase/hydroxypyruvate reductase (GRHPR) Recombinant Protein | GRHPR recombinant protein

Recombinant Human Glyoxylate reductase/hydroxypyruvate reductase (GRHPR)

CATALOG #
AAA117460

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Glyoxylate reductase/hydroxypyruvate reductase (GRHPR); Recombinant Human Glyoxylate reductase/hydroxypyruvate reductase (GRHPR); GRHPR recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-328, Full length protein
Sequence	MRPVRLMKVF VTRRIPAEGR VALARAADCE VEQWDSDEPI PAKELERGVA GAHGLLCLLS DHVDKRILDA AGANLKVIST MSVGIDHLAL DEIKRGIRV GYTPDVLDT TAEHAVSLLL TTCRRLPEAI EEVKNNGWTS WKPLWLCCYG LTQSTVGIIG LGRIGQAIAR RLKPFQVQRF LYTGRQPRPE EAAEFQAEFV STPELAAQSD FIVVACSLTP ATEGLCNKDF FQKMKETAVF INISRGDVVN QDDL YQALAS GKIAAAGLDV TSPEPLPTNH PLLTLKNCVI LPHIGSATHR TRNTMSLLAA NNLLAGLRGE PMPSELKL
Sequence Length	328
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for GRHPR recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912396
NCBI GeneID	9380
NCBI Accession #	NP_036335.1
NCBI GenBank Nucleotide #	NM_012203.1
UniProt Accession #	Q9UBQ7; Q5T945; Q9H3E9; Q9H636; Q9UKX1
Molecular Weight	27,843 Da
NCBI Official Full Name	glyoxylate reductase/hydroxypyruvate reductase
NCBI Official Synonym Full Names	glyoxylate and hydroxypyruvate reductase

NCBI Official Symbol	GRHPR
NCBI Official Synonym Symbols	PH2; GLXR; GLYD
NCBI Protein Information	glyoxylate reductase/hydroxypyruvate reductase
UniProt Protein Name	Glyoxylate reductase/hydroxypyruvate reductase
UniProt Gene Name	GRHPR
UniProt Synonym Gene Names	GLXR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/grhpr-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117460>