Recombinant Human Glyoxylate reductase/hydroxypyruvate reductase (GRHPR)

Product Code	CSB-YP009897HU
Abbreviation	GRHPR
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UBQ7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MRPVRLMKVF VTRRIPAEGR VALARAADCE VEQWDSDEPI PAKELERGVA GAHGLLCLLS DHVDKRILDA AGANLKVIST MSVGIDHLAL DEIKKRGIRV GYTPDVLTDT TAELAVSLLL TTCRRLPEAI EEVKNGGWTS WKPLWLCGYG LTQSTVGIIG LGRIGQAIAR RLKPFGVQRF LYTGRQPRPE EAAEFQAEFV STPELAAQSD FIVVACSLTP ATEGLCNKDF FQKMKETAVF INISRGDVVN QDDLYQALAS GKIAAAGLDV TSPEPLPTNH PLLTLKNCVI LPHIGSATHR TRNTMSLLAA NNLLAGLRGE PMPSELKL
Source	Yeast
Target Names	GRHPR
Protein Names	Recommended name: Glyoxylate reductase/hydroxypyruvate reductase EC= 1.1.1.79 EC= 1.1.1.81
Expression Region	1-328
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,

storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.