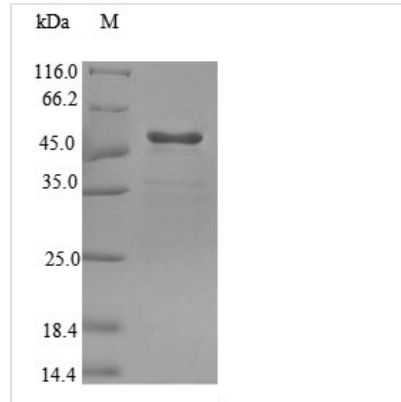




Recombinant Mouse Glyoxylate reductase/hydroxypyruvate reductase (Grhpr)

Product Code	CSB-EP009897MO
Relevance	Enzyme with hydroxy-pyruvate reductase, glyoxylate reductase and D-glycerate dehydrogenase enzymatic activities. Reduces hydroxypyruvate to D-glycerate, glyoxylate to glycolate oxidizes D-glycerate to hydroxypyruvate
Abbreviation	Recombinant Mouse Glxr protein
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.	Q91Z53
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MKPARLMKVFVTGPLPAEGRAALQAADCEVEQWNSDDPIPRKDLEQGVVG AHGLLCRLSDRVDKLLDAAGANLRVISTLSVGVVDHLALDEIKKR GIRVGYTPG VLTDATAELAVSLLLTCRRLPEAIEEVKNGGWSSWSPLWMCYGLSQSTVGI VGLGRIGQAIARRLKPFGVQRFLYTGRQPRPQEA AEFQAEFVPIAQLAAESDFI VVSCSLTPDTMGLCSKDFQKMKNTAIFINISRGDVVNQEDLYQALASGQIAAA GLDVTTPPELPPSHPLLTLKNCVILPHIGSATYKTRNTMSLLAANNLLAGLRGEA MPSELKL
Research Area	Signal Transduction
Source	E.coli
Target Names	Grhpr
Protein Names	Recommended name: Glyoxylate reductase/hydroxypyruvate reductase EC= 1.1.1.79 EC= 1.1.1.81
Expression Region	1-328aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	51.3kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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