

Recombinant Human GLYR1 protein, His-tagged

Cat. No. GLYR1-1337H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLYR1 protein(133-484 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	133-484 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	WQPTASEPVKDADPHFHHFLLSQTEKPAVCYQAITKKLKICEEETGSTSIQAADSTAV NGSITPTDKKIGFLGLGLMGSGIVSNLLKMGHTVTVVWNRRTAEKCDLFIQEGARLGR PAEVSSTCDITFACVSDPKAAKDLVLGPSGVLQGIRPGKCYVDMSTVDADTVTELAQ VIVSRGGRFLEAPVSGNQQLSNDGMLVILAAGDRGLYEDCSSCFQAMGKTSFFLGE VGNAAKMMLIVNMVQGSFMATIAEGLTLAQVTGQSQQTLLDILNQGQLASIFLDQKC QNILQGNFKPDFYLKYIQKDLRLAIALGDAVNHPTPMAAAAANEVYKRAKALDQSDND MSAVYRAYIH
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

GLYR1 glyoxylate reductase 1 homolog (Arabidopsis) [Homo sapiens]

Official Symbol

GLYR1

Synonyms

GLYR1; glyoxylate reductase 1 homolog (Arabidopsis); putative oxidoreductase
 GLYR1; BM045; HIBDL; N PAC; NP60; nuclear protein 60kDa; nuclear protein NP60;
 nuclear protein 60 kDa; nuclear protein of 60 kDa; cytokine-like nuclear factor n-pac;
 3-hydroxyisobutyrate dehydrogenase-like protein; N-PAC;

Gene ID

84656

mRNA Refseq

NM_032569

Protein Refseq

NP_115958

MIM

610660

UniProt ID

Q49A26

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