

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 NGSITPTDKKIGFLGLGLMGSGIVSNLLKMGHTVTVWNRRTAEKCDLFIQEGARLGRT PAEVVSTCDITFACVSDPKAAKDLVLGPGSVLQGIRPGKCYVDMSTVDADTVTELAQ VIVSRGGRFLEAPVSGNQQLSNDGMLVILAAGDRGLYEDCSSCFQAMGKTSFFLGE VGNAAKMMLIVNMVQGSFMATIAEGLTLAQVTGQSQQTLLDILNQGLASIFLDQKC QNILQGNFKPDFYLKYIQKDLRLAIALGDAVNHPTPMAAAANEVYKRAKALDQSDND 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 µg/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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