

Recombinant Human GLRA3 protein, His-tagged

Cat. No. GLRA3-3003H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLRA3 protein(29-255 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	29-255 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	KETDSARSRAPMSPSDFLDKLMGRTSGYDARIRPNFKGPPVNVTCNIFINSFGSIA ETTM DYRVNIFLRQKWNDPRLAYSEYPDDSLDLPSMLDSIWKPD LFFANEKGANF HEVTTDNKLLRIFKNGNVLYSIRLTTLSCPM DLKNFPM DVQTCIMQLESFGYTMNDL IFEWQDEAPVQVAEGLTLPQFLLKEEKDLRYCTKH YNTGKFTCIEVRFHLERQMGY
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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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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	GLRA3 glycine receptor, alpha 3 [Homo sapiens]
Official Symbol	GLRA3
Synonyms	GLRA3; glycine receptor, alpha 3; glycine receptor subunit alpha-3; ligand gated ion channel; glycine receptor alpha 3 subunit; glycine receptor, alpha-3 polypeptide;
Gene ID	8001
mRNA Refseq	NM_001042543
Protein Refseq	NP_001036008
MIM	600421
UniProt ID	O75311

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