

Recombinant Human GLRA1, GST-tagged

Cat. No. GLRA1-13307H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLRA1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	27-250a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GLRA1 glycine receptor, alpha 1 [Homo sapiens]
Official Symbol	GLRA1
Synonyms	GLRA1; glycine receptor, alpha 1; glycine receptor, alpha 1 (startle disease/hyperekplexia) , STHE; glycine receptor subunit alpha-1; startle disease/hyperekplexia; stiff person syndrome; glycine receptor 48 kDa subunit; glycine receptor strychnine-binding subunit; STHE; MGC138878; MGC138879;

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Gene ID	2741
mRNA Refseq	NM_000171
Protein Refseq	NP_000162
MIM	138491
UniProt ID	P23415
Chromosome Location	5q33.1
Pathway	Ion channel transport, organism-specific biosystem; Ligand-gated ion channel transport, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	extracellular ligand-gated ion channel activity; extracellular-glycine-gated chloride channel activity; contributes_to extracellular-glycine-gated chloride channel activity; extracellular-glycine-gated chloride channel activity; glycine binding; glycine b