

Recombinant Full Length Human GLRA2 Protein, GST-tagged

Cat. No. GLRA2-5344HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GLRA2 full-length ORF (AAH32864, 28 a.a. - 452 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	28-452 amino acids
Description	The glycine receptor consists of two subunits, alpha and beta, and acts as a pentamer. The protein encoded by this gene is an alpha subunit and can bind strychnine. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]
Molecular Mass	72.49 kDa
AA Sequence	KDHDSRSGKQPSQTLSPSDFLDKLMGRTSGYDARIRPNFKGPPVNVTCNIFINSFGS VTETTM DYRVNIFLRQQW NDSRLAYSEYPDDSLDLDP SMLDSIWKPDLFFANEKGA NFHDVTTDNKLLRISKNGKVLYSIRLTLTSCPM DLKNFPM DVQTCTMQLESFGYTM NDLIFEWLSDGPVQVAEGLTLPQFILKEEKELGYCTKH YNTGKFTCIEVKFH LERQM GYYLIQMYIPSL LILVLSWVSFWINMDAAPARVALGITT VLTMTTQSSGSRASLPKVS Y VKAIDIWMAVCLLFVFAALLEYAAVN FVSRQHKEFLRLRRRQKRQNKEEDVTRESRF NFSGYGMGHCLQVKDGTAVKATPANPLPQPPKDGDAIKKKFVDRAKRIDTISR AAFP LAFLIFNIFYWITYKIIRHEDVHKK

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GLRA2 glycine receptor, alpha 2 [Homo sapiens]
Official Symbol	GLRA2
Synonyms	GLRA2; glycine receptor, alpha 2; GLR; glycine receptor subunit alpha-2; glycine receptor alpha 2 subunit; glycine receptor, alpha-2 polypeptide;
Gene ID	2742
mRNA Refseq	NM_001118885
Protein Refseq	NP_001112357
MIM	305990
UniProt ID	P23416

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