

# Recombinant Human GLRA1 protein, His&Myc-tagged

**Cat. No.** GLRA1-4344H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GLRA1 protein(P23415)(29-250aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 29-250aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                |
| <b>Molecular Mass</b>   | 33.1 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

ARSAPKPMSPSDFLDKLMGRTSGYDARIRPNFKGPPVNVSCNIFINSFGSIAETTMD  
 YRVNIFLRQQWNDPRLAYNEYPDDSLDLDPMSLDSIWKPDLFFANEKGAHFHEITTD  
 NKLLRISRNGNVLYSIRITLTLACPMDLKNFPMQVQTCIMQLESFGYTMNDLIFEWQE  
 QGAVQVADGLTLPQFILKEEKDLRYCTKHYNTEGKFTCIARFHLERQMGY

## 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) , STH; glycine receptor subunit alpha-1; startle disease/hyperekplexia; stiff person syndrome; glycine receptor 48 kDa subunit; glycine receptor strychnine-binding subunit; STH; MGC138878; MGC138879;

**Gene ID** [2741](#)

**mRNA Refseq** [NM\\_000171](#)

**Protein Refseq** [NP\\_000162](#)

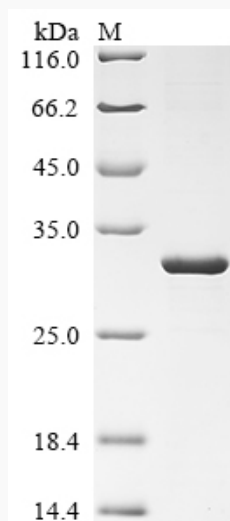
**MIM** [138491](#)

**UniProt ID** [P23415](#)

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**SDS-PAGE**

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