

Recombinant Full Length Arabidopsis Thaliana Glutamate Receptor 1.1(Glr1.1) Protein, His-Tagged

Cat. No. RFL35601AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Glutamate receptor 1.1(GLR1.1) Protein (Q9M8W7) (20-808aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (20-808)
Form	Lyophilized powder
AA Sequence	APSDDDVFEFVRVGLVVDLSSIQGKILETSFNLALSDFYGINNGYRTRVSVLVRDSQ GDP IIALAAATDLLKNAKAEIVGAQSLQEAKLLATISEKAKVPVISTFLPNTLSLKKYD NFI QWTHDTTSEAKGITSLIQDFSCSKSVVIYEDADDWSESLQILVENFQDKGIYIARS ASFA VSSSGENHMMNQLRKLKVSRAVSVFVHMSEILVSRLFQCVEKLGLMEEAFA WILTARTMN YLEHFAITRSMQGVIGFKSYIPVSEEVKNFTSRLRKRMGDDTETEHS VIIGLRAHDIAC ILANAVEKFSVSGKVEASSNVSADLLDTIRHSRFGKLSGDIQISDNK FISETFEIVNIGR EKQRRIGLWSGGSFSQRRQIVWPGRSRKIPRHRVLAEKGEKKVL RVLVTAGNKVPHLVSV RPDPETGVNTVSGFCVEVFKTCIAPFNYELEFIPYRGNNNDN LAYLLSTQRDKYDAVVDI TITSNRSLYVDFTLPYTDIGIGILTVMKKKSQGMWTFDFPF EKSLWLASGAFFVLTGIVVW LVERSVNPEFQGSWGQQLSMMLWFGFSTIVFAHRE KLQKMSSRFLVIVWVFLILTSSY SANLTSTKTISRMQLNHQMVFGGSTTSMTAKL GSINAVEAYAQLLRDGTNLHVINEIPYL SILIGNYPNDFVMTDRVTNTNGFGFMFQKG

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	SDLVPKVSREIAKLRLSLGMLKDMKKWFQK LDSLVHSNTEEVASTNDDDEASKRF TFRELRGLFIIAGAAHVLVLALHLFHTRQEVSRL CTKLQSFYK
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	GLR1.1
Synonyms	GLR1.1; GLR1; At3g04110; T6K12.27; Glutamate receptor 1.1; AtGLR1; Ligand-gated ion channel 1.1
UniProt ID	Q9M8W7