

Recombinant Full Length *Gloeobacter violaceus* Proton-Gated Ion Channel(Glvi) Protein, His-Tagged

Cat. No. RFL28650GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Gloeobacter violaceus</i> Proton-gated ion channel(glvi) Protein (Q7NDN8) (44-359aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Gloeobacter violaceus</i>
Source	<i>E.coli</i>
ProteinLength	Full Length of Mature Protein (44-359)
Form	Lyophilized powder
AA Sequence	QDMVSPPPPIADEPLTVNTGIYLIIECYSLDDKAETFKVNAFLSLSWKDRRLAFDPVRS GV RVKTYEPEAIWIPEIRFVNVENARDADVVDISVSPDGTQYLERFSARVLSPLDF RRYPF DSQTLHIYLIVRSVDTRNIVLAVDLEKVGKNDDVFLTGWDIESTAVVKPANF ALEDRL SKLDYQLRISRQYFSYIPNIILPMLFILFISWTAFWSTSYEANVTLLVSTLIA HIAFNIL VETNLPKTPYMTYTGAIIIFMIYLFYFVAVIEVTVQHLYLKVESQPARAASITRA SRIAFPV VLLANIILAFLFFGF
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

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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

glvl

Synonyms

glvl; glr4197; Proton-gated ion channel; GLIC; Ligand-gated ion channel; LGIC

UniProt ID

[Q7NDN8](#)

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