

Recombinant Full Length Glycine Receptor Subunit Beta-Type 4(Ggr-1) Protein, His-Tagged

Cat. No. RFL25438CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Glycine receptor subunit beta-type 4(ggr-1) Protein (Q09453) (20-473aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Caenorhabditis elegans
Source	E.coli
ProteinLength	Full Length of Mature Protein (20-473)
Form	Lyophilized powder
AA Sequence	QAEFWDYDENV TQIEEDFKIDDVTRILKRVGNYNRNAYPLLDQDLATHVDIQMYIEG MSS FHAQSMD FQVDIYFQEKWVDHRLQHNN TKRILVKDPKLFGLLWHPDLYFANA RTASFHDV TQPNFLVWIYPNGTVWYDCRISLTVLCMQDLARYPLDSQNCGLRILSY AYDEEQLIIRWN GGNPVEVNRGIRMPDMHLKHIKFYTKRD KYATGIWSSAVA EFHV DREITHHIIQSYIPTS LIVIISWFSFWLDVEAVPGRVSL SITLLTLATQSSAARMALPQ ASDVK AIDVW MGTCMA FVFSAMIEFTVVNYCVRRKVRTKIKPRGLSEQVHDMVAQY REKKDKFNNGNCEISYEMAL QPNEDNATVQRNFEKKEVREM NQASLFVRRSLLPT SKRKTIEDRINRVEENRKNAQKIDR YSRALFPLAFIIFNIFYWIIYLYK YAGSNSPELLL
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.

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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	ggr-1
Synonyms	ggr-1; gbr-4; C09G5.1/C09G5.9; Glycine receptor subunit beta-type 4
UniProt ID	Q09453