

Recombinant Full Length Mouse Cyclic Nucleotide-Gated Cation Channel Beta-3(Cngb3) Protein, His-Tagged

Cat. No. RFL27408MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Cyclic nucleotide-gated cation channel beta-3(Cngb3) Protein (Q9JJZ9) (1-694aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-694)
Form	Lyophilized powder
AA Sequence	MLKSLTVKFNKVNPMEGRMEKKLCPNLSSLSQPTIAQGDNQSEKEPLRSRTPITFEK SHS KEDNSTGENSLRDFTPNPDPECRAELTRTMAEMEKTRTGKERPVSFKTKVLET SIINEYT DAHLHNLVERMRERTALYKKTLTEEENFPEVEASSQTAMSTNISPKQENN SKLKEHQDTF SFKPQRPVPVKEHLRRMILPRSIDSYTDRVYLLWLLLVTIAYNWNCWL LPVRLVFPCQTPD NKNYWIITDIVCDIYLCDILLIQPRLQFVRGGEIIVDSNELKRNRYR SSTKFRMDVASLL PFEVLYIFFGVNPIFRANRILKYTSFFEFNHHLESIMDKAYVYRVI RTTGYYLLFLLHINA CVYYWASDYEGIGSTKWVYNGEGNKYLRCFYWAVRTLITIGGL PEPQTSFEIVFQFLNFF SGVVFVSSLIGQMRDVIGAATANQNYFQACMDHIIAYMNK YSIPQSVQYRVRTWLEYTNW SQRILDESNLLENLPTAMQLSIALDINFSIIDKVELFKG CDTQMIYDLLLLRLKSTIYLPD DFVCKKGGEIGKEMYIIKHGEVQVLGGPDGAQVLVTLK AGSVFGEISLLAKGGGNRRRTADV VAHGFANLLTLDKKTLEILLHYPTSKKLLMKKA

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	KILLSQKGKTTQAIPARPGPAFLFPP KEETPRMLKVLLGNTGKVDLGRLLKGKRKTT TQK
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	Cngb3
Synonyms	Cngb3; Cng6; Cyclic nucleotide-gated cation channel beta-3; Cone photoreceptor cGMP-gated channel subunit beta; Cyclic nucleotide-gated cation channel modulatory subunit; Cyclic nucleotide-gated channel beta-3; CNG channel beta-3; Cyclic nucleotide-gated
UniProt ID	Q9JJZ9

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