

Recombinant Full Length Mouse D(1B) Dopamine Receptor(Drd5) Protein, His-Tagged

Cat. No. RFL16471MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse D(1B) dopamine receptor(Drd5) Protein (Q8BLD9) (1-478aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-478)
Form	Lyophilized powder
AA Sequence	MLPPGRNGTAHRARLGLQRQLAQVDAPGGSAAPLGPAQVVTAGLLTLLIVWTLG VLVC AAIVRSRHLRAKMTNIFIVSLAVSDFVALLVMPWKAVA EVAGYWPF GAFCDI WVAFDIM CSTASILNLCIISVD RYWAISRPF RYERKMTQRVALVM VALAWTLSILISFI PVQLNWHR DKAGSQQGREGLLSNETPWEEGWEL DGR TENC DSSLNRTYAISSSLIS FYIPVAIMIVTYT RIYRIAQVQIR RISSLERAAEHAQSCRSRGACEPDPSLRASIKKETK VFKTLSVIMGVFV CCWL PFFILNCMV PFCSSGDAQGPRTGFPCVSETTFDIFVWFG WANSSLNPIIYAFNADF RKVFAQLLGCSHLCFRTPVQTVNISNELISYNQD TVFHREI AAAYVHMIPNAVSSGDREV GEEEEAE EEGPFDHMSQISPTTPD GD LAAESVWELD CEEVSLGKISPLTPNCFHKTA
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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

Drd5

Synonyms

Drd5; D(1B dopamine receptor; D(5 dopamine receptor; Dopamine D5 receptor

UniProt ID

[Q8BLD9](#)

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