

Recombinant Human GRM5 protein, His&Myc-tagged

Cat. No. GRM5-2996H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRM5 protein(P41594)(22-580aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-580aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	70.6 kDa
AA Sequence	SSERRVVAHMPGDIIGALFSVHHQPTVDKVERKCGAVREQYGIQRVEAMLHTLER INSDPTLLPNITLGCEIRDSCWHSVAVALEQSIEFIRDSLISSEEEGLVRCVDGSSSSSF RSKKPIVGVIGPGSSSVAIQVQNLLQLFNIPQIAYSATSMDLSDKTLFKYFMRVVPSPD AQQARAMVDIVKRYNWTYVSAVHTEGNYGESGMEAFKDMSAKEGICIAHSYKIYSN AGEQSFDKLLKKLTSHLPKARVVACFCEGMTVRGLLMAMRRLGLAGEFLLLGS DGW ADRYDVT DGYQREAVGGITIKLQSPDVKWFD DYYLKL RPETNHRNPWFQEFWQHR FQCRLEGFPQENSKYNKTCNSSLT LKTHHVQDSKMGFVINAIYS MAYGLHNMQM SL CPGYAGLCDAMKPIDGRKLL ESLMKTNFTGVSGDTILFDENG DSPGRYEIMNFKEM GKDYFDYINVGSWDNGELKMDDDEVWSKKSNIIR SVCSEPCEKGQIKVIRKGEVSC

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CWTCTPCKENEYVFDEYTCKACQLGSWPTDDLTGCDLIPVQYLRWGDPEP

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name GRM5 glutamate receptor, metabotropic 5 [Homo sapiens]

Official Symbol GRM5

Synonyms GRM5; glutamate receptor, metabotropic 5; metabotropic glutamate receptor 5; GPRC1E; mGlu5; MGLUR5; metabotropic glutamate receptor 5 variant F; metabotropic glutamate receptor 5 variant G; metabotropic glutamate receptor 5 variant H;

Gene ID 2915

mRNA Refseq NM_000842

Protein Refseq NP_000833

MIM 604102

UniProt ID P41594

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