

GRM3 抗原（重组蛋白）

中文名称：GRM3 抗原（重组蛋白）

英文名称：GRM3 Antigen (Recombinant Protein)

储 存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 23-276 amino acids of human GRM3

技术规格

Full name:	glutamate receptor, metabotropic 3
Synonyms:	GLUR3; mGlu3; GPRC1C; MGLUR3
Swissprot:	Q14832
Gene Accession:	BC041407
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	L-glutamate is the major excitatory neurotransmitter in the central nervous system and activates both ionotropic and metabotropic glutamate receptors. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. The metabotropic glutamate receptors are a family of G protein-coupled receptors, that have been divided into 3 groups on the basis of sequence homology, putative signal transduction mechanisms, and pharmacologic properties. Group I includes GRM1 and GRM5 and these receptors have been shown to activate phospholipase C. Group II includes GRM2 and GRM3 while Group III includes GRM4, GRM6, GRM7 and GRM8. Group II an

d III receptors are linked to the inhibition of the cyclic AMP cascade but differ in their agonist selectivities.