MULTISCREEN™ MEMBRANE PREPARATION
HUMAN RECOMBINANT MGLU1 RECEPTOR

PRODUCT INFORMATION

Catalog Number: MC1188
Lot Number: MC1188-1-010214
Quantity: 11.26 mg/ml, 1 mg
Packaging Buffer: 20 mM Gly-Gly, 1 mM MgCl2, 25 mM Sucrose (pH 7.2)
Host cell: HEK293T
Transfection: Expression vector containing full-length human GRM1 cDNA (Accession Number NM_000838) with FLAG tag sequence at N-terminus
Recommended Storage: Liquid nitrogen upon receiving

Data sheet

Background: The neurotransmitter L-glutamate interacts with both ionotropic and metabotropic receptors. The metabotropic glutamate receptors (mGluRs), which are G protein-coupled receptors, have been divided into 3 groups on the basis of sequence homology, putative signal transduction mechanisms, and pharmacologic properties. Group II and group III mGluRs are linked to the inhibition of the cyclic AMP cascade, but differ in their agonist selectivity.

Figure 1

Figure 1. Receptor expression on cell surface measured by flow cytometry (FACS) using an anti-FLAG antibody. Thin line: parental cells; thick line: receptor-expressing cells.

References: