MULTISCREEN™ STABLE CELL LINE
RAT RECOMBINANT BB1 RECEPTOR

PRODUCT INFORMATION
Catalog Number: C1211-1
Lot Number: C1211-1-121610
Quantity: 1 vial (2 x 10^6) frozen cells
Freeze Medium: Sigma Freezing Medium (C-6164)
Host cell: C6
Transfection: Full-length rat NMBR cDNA (GenBank Accession Number NM_012799) with flag tag sequence at N-terminus
Recommended Storage: Liquid nitrogen upon receiving
Propagation Medium: DMEM, 10% FBS
Stability: Stable after minimum of two months continuous growth

Data sheet

Background: The BB1 receptor (also known as NMB-R or Neuromedin B receptor) is a receptor for neuromedin-B (NMB), which is a mammalian bombesin-like peptide distributed widely in the central nervous system. The NMBR pathway is involved in the regulation of a wide variety of behaviors, such as spontaneous activity, feeding and anxiety-related behavior. A study using NMBR-deficient mice suggested that dysfunction in the NMBR pathway may constitute one of the risk factors of stress vulnerability.

Application: Functional assays

Figure legend: Dose-dependent calcium flux upon treatment with ligand, monitored with FlexStation.

References:

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