Venus-A2AR vector

Catalogue number: 160728
Sub-type: pcDNA 3.1
Images:

Contributor

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Images:

Tool details

*FOR RESEARCH USE ONLY

Name: Venus-A2AR vector

Alternate name: A2AR

Class:
Conjugate:
Description: Venus-A2AR construct was generated with the In-fusion HD Cloning Kit (Clontech Takara, USA). Venus and A2AR fragments were produced by using, respectively, the pair of primers 5'-GTTTAAACTTAAGCTTATGGTGAGCAAGGGCGAG-3' and 5'-GCTGCCCATGGTGGCCTTGTACAGCTCGTCCATG-3', and the pair of primers 5'-GCCACCATGGGCAGCAGC-3' and 5'-AAACGGGCCCTCTAGATCAGCTGGGGGCGAACTC-3'. PCR fragments were cloned into the vector pcDNA3.1(Ä?Ë???Â???Â?+Ä?Ë???Â???Â?) linearized with HindIII and XbaI, and the resulting construct was verified by DNA sequencing (GATC Biotech, Germany).
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers: Neomycin
Additional notes: A construct encoding a Venus-A2AR fusion protein to explore the synaptic function of A2AR

Target details

Target: Adenosine A2A receptor

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes: Venus-A2AR construct was generated with the In-fusion HD Cloning Kit (Clontech Takara, USA). Venus and A2AR fragments were produced by using, respectively, the pair of primers 5'-GTTTAAACTTAAGCTTATGGTGAGCAAGGGCGAG-3' and 5'-GCTGCCCATGGTGGCCTTGTACAGCTCGTCCATG-3', and the pair of primers 5'-GCCACCATGGGCAGCAGC-3' and 5'-AAACGGGCCCTCTAGATCAGCTGGGGGGCGAACTC-3'. PCR fragments were cloned into the vector pcDNA3.1(â€‰+â€‰) linearized with HindIII and XbaI, and the resulting construct was verified by DNA sequencing (GATC Biotech, Germany).

Handling

Format:
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions:

Related tools

Related tools:

References

References: Bousard et al. 2019. EMBO Rep. 20(10):e48019. PMID: 31456285.