OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC208595

Grk4 (NM_001080743) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grk4 (NM_001080743) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Grk4
Synonyms:	A830025H08Rik; Gprk2l; Gprk4; GRK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208595 representing NM_001080743 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAACTCGAGAACTTCGTGGCCAACAATCTGTTGCTGAAGGCCCGTCTAGGATTTAACAAACAGACTG GTCGTAGTAAAAAATGGAGAGAGCTCCTGAAGTTTCCCCCAGTCAGCATGTGCACTGAATTAAGATGGTC CATCGAAAAGGATTTTAGCAGTCTTTGCGACAAACAGCCAATTGGAAGACTTCTTTTTAGACAATTCTGT GATACAAAACCAGATCTAAAAAGGTGCATTGAATTCTTGGATGCAGTGGCAGAGTACGAAGTTACCATTG AAGAGGAACAAAGAGAATTTGGACTAGCCATCTTCAGTAGATTCTTCAAAGAGAAGTCAGAAGTCCCCTT ACCAGAGATACCTCCAGATATTGTGAAAGAGTGTAAATGGAATCTGAAGCAGAATTCTCCCTCTCAAAAT GTTTTCGAAGAATGTGCTGGGTTTTCTGTCTCCAGAGTTGTCTCCCTTTGGGATCCTAAGAGAACACAAA TGCCAGCCCAGGCCTATACCCAGAAAAACTCTCAATTACCATAG ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001080743
Insert Size:	534 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001080743.1, NP_001074212.1
RefSeq Size:	3240 bp
RefSeq ORF:	534 bp
Locus ID:	14772
UniProt ID:	O70291
Cytogenetics:	5 17.91 cM
Gene Summary:	Specifically phosphorylates the activated forms of G protein-coupled receptors. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate 3' exon structure and differs in the 3' UTR and the 3' coding region, compared to variant 1. It encodes isoform 2, which is shorter than isoform 1.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US