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Product datasheet for SC300601

GRK6 (NM_001004105) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: GRK6 (NM_001004105) Human Untagged Clone

Tag: Tag Free

Symbol: GRK6

Synonyms: GPRK6

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001004105, the custom clone sequence may differ by one or more nucleotides

ATGGAGCTCGAGAACATCGTAGCGAACACGGTGCTACTCAAGGCCCGGGAAGGTGGCGGT
GGAAATCGCAAAGGCAAAAGCAAGAAATGGCGGCAGATGCTCCAGTTCCCTCACATCAGC
CAGTGCGAAGAGCTGCGGCTCAGCCTCGAGCGTGACTATCACAGCCTGTGCGAGCGGCAG
CCCATTGGGCGCCTGCTGTTCCGAGAGTTCTGTGCCACGAGGCCGGAGCTGAGCCGCTGC
GTCGCCTTCCTGGATGGGGTGGCCGAGTATGAAGTGACCCCGGATGACAAGCGGAAGGCA
TGTGGGCGGCAGCTAACGCAGAATTTTCTGAGCCACACGGGTCCTGACCTCATCCCTGAG
GTCCCCCGGCAGCTGGTGACGAACTGCACCCAGCGGCTGGAGCAGGGTCCCTGCAAAGAC
CTTTTCCAGGAACTCACCCGGCTGACCCACGAGTACCTGAGCGTGGCCCCTTTTGCCGAC
TACCTCGACAGCATCTACTTCAACCGTTTCCTGCAGTGGAAGTGGCTGGAAAGGCAGCCA
GTGACCAAAAACACCTTCAGGCAATACCGAGTCCTGGGCAAAGGTGGCTTTGGGGAGGTG
TGCGCCTGCCAGGTGCGGGCCACAGGTAAGATGTATGCCTGCAAGAAGCTAGAGAAAAAG
CGGATCAAGAAGCGGAAAGGGGAGGCCATGGCGCTGAACGAGAAGCAGATCCTGGAGAAA
GTGAACAGTAGGTTTGTAGTGAGCTTGGCCTACGCCTATGAGACCAAGGACGCGCTGTGC
CTGGTGCTGACACTGATGAACGGGGGCGACCTCAAGTTCCACATCTACCACATGGGCCAG
GCTGGCTTCCCCGAAGCGCGGGCCGTCTTCTACGCCGCCGAGATCTGCTGTGGCCTGGAG
GACCTGCACCGGGAGCGCATCGTGTACAGGGACCTGAAGCCCGAGAACATCTTGCTGGAT
GACCACGGCCACATCCGCATCTCTGACCTGGGACTAGCTGTGCATGTGCCCGAGGGCCAG
ACCATCAAAGGGCGTGTGGGCACCGTGGGTTACATGGCTCCGGAGGTGGTGAAGAATGAA
CGGTACACGTTCAGCCCTGACTGGTGGGCGCTCGGCTGCCTCCTGTACGAGATGATCGCA
GGCCAGTCGCCCTTCCAGCAGAGGAAGAAGAAGATCAAGCGGGAGGAGGTGGAGCGGCTG
GTGAAGGAGGTCCCCGAGGAGTATTCCGAGCGCTTTTCCCCGCAGGCCCGCTCACTTTGC
TCACAGCTCCTCTGCAAGGACCCTGCCGAACGCCTGGGGTGTCGTGGGGGCAGTGCCCGC
GAGGTGAAGGAGCACCCCCTCTTTAAGAAGCTGAACTTCAAGCGGCTGGGAGCTGGCATG
CTGGAGCCGCCGTTCAAGCCTGACCCCCAGGCCATTTACTGCAAGGATGTTCTGGACATT
GAACAGTTCTCTACGGTCAAGGGCGTGGAGCTGGAGCCTACCGACCAGGACTTCTACCAG
AAGTTTGCCACAGGCAGTGTGCCCATCCCCTGGCAGAACGAGATGGTGGAGACCGAGTGC
TTCCAAGAGCTGAATGTCTTTGGGCTGGATGGCTCAGTTCCCCCAGACCTGGACTGGAAG
GGCCAGCCACCTGCACCTCCTAAAAAGGGACTGCTGCAGAGACTCTTCAGTCGCCAAAGG
TGA

View online »

Restriction Sites:	Please inquire
ACCN:	NM_001004105
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001004105.1, NP_001004105.1
RefSeq Size:	1925 bp
RefSeq ORF:	1683 bp
Locus ID:	2870
UniProt ID:	P43250
Cytogenetics:	5q35.3
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Chemokine signaling pathway, Endocytosis
Gene Summary:	This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. Several transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (3) contains an alternate 3' terminal exon, compared to variant 2, resulting in a shorter isoform (C) with a distinct C-terminus compared to isoform B.