

Product datasheet for **RN205703**

Gk (NM_024381) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gk (NM_024381) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gk
Synonyms:	ASTP; Gyk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205703 representing NM_024381
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGCCGCGAAGAAAGCAGTTCTGGGGCCATTGGTGGGAGCAGTGGACCAGGTACCAGCTCGACAC
GTTTTTGGTTTTCAATTCAAAAACAGCTGAACCTCTTAGTCATCATCAAGTAGAAATAAACAGGAATT
CCCAAGAGAAGGATGGGTAGAACAAGATCCGAAGGAAATCCTGCAGTCTGTTTATGAATGTATAGAGAAA
ACATGTGAGAAACTTGGACAGCTCAATATTGATATTTCCAACATCAAAGCTATTGGTGTGAGCAACCAGA
GGGAAACCACAGTAGTCTGGGACAAGCTAACTGGAGAGCCGCTCTACAATGCTGTGGTGTGGCTTGACCT
AAGAACCCTACTGTTGAGAACTTAGTAAAAGAATCCGGGAAATAATAATTTTGTCAAGTCCAAG
ACAGGCCCTCCACTTAGCACTTACTTCAGTGCAGTGAACTTCGTTGGCTCCTCGACAATGTGAAAAAGG
TCCAAGAGGCTGTGAAGAAAAAGAGCTCTTTTGGGACCATTGATTCATGGCTTATTTGGAGTTTGAC
AGGGGGAATCAATGGCGGTGTTCACTGTACAGATGAACAAATGCAAGCAGGACGATGCTTTTTAACATT
CATTCTTTGGAATGGGATAAAGAGCTCTGCGAATTTTTGGAATCCAATGGAAATCTTCCAATGTTT
GGAGTTCTTCTGAGATCTATGGCCTAATGAAAGCTGGGGCCTTGAAGGTGTGCCAATATCTGGGTGTT
GGGGGACCAGTCTGCTGCTTTGGTGGGACAAATGTGCTTCCAGGATGGACAGGCCAAAAACAGTATGGA
ACAGGGTGCTTCTACTGTGTAACACGGGCCATAAGTGTGATTTTCTGAACATGGCCTTTTGACAACTG
TGGCTTATAAACTTGGCAGAGACAACTGTGTATTATGCATTAGAAGGTTCTGTAGCTATAGCTGGTGC
TGTAATCCGCTGGTTAAGAGACAACCTTGAATATTAAGTCCTGAAGAAATGAAAACTTGCTAAA
GAAGTAGTACTTCTTATGGCTGCTACTTTGTTCCAGCATTTCAGGGTTATATGCACCTTATTGGGAGC
CTAGTGAAGAGGATCATCTGTGGACTCACTCAGTTCACCAATAAATGCATATCGCTTTTGTGCATT
AGAAGCTGTTTGTTCAAACCCGAGAGATTTTGGATGCCATGAACCGTACTGTGGAATCCCACTCAGC
CATTTGCAGGTAGATGGAGGAATGACCAGCAATAAAATCTTATGCAGCTACAAGCAGACATTCTGTATA
TTCCAGTAGTGAAGCCCTCCATGCCGAGACAAGTCTAGGAGCTGCCATGGCAGCTGGGGCTGCAGA
GGGGGTTGGTGTCTGGAGTCTTGAACCTGAGGATTTGTCAGCTGTCACAATGGAGCGGTTGCAACCTCAG
ATCAATGTGAAGAAAGTAAATCCGTTACTCCACCTGGAAGAAAGCTGTGATGAAGTCCATTGTTGGG
TTACAACCTCAATCTCTGAAAGTGGTATCCATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_024381

Insert Size: 1575 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).

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_024381.2](#), [NP_077357.2](#)

RefSeq Size: 4107 bp

RefSeq ORF: 1575 bp

Locus ID: 79223

UniProt ID: [Q63060](#)

Cytogenetics: Xq21

Gene Summary: cytosolic protein that increases nuclear binding of activated glucocorticoid receptor [RGD, Feb 2006]