

Product datasheet for **RN215488**

Agk (NM_001127497) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Agk (NM_001127497) Rat Untagged Clone
Tag: Tag Free
Symbol: Agk
Synonyms: RGD1562046
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215488 representing NM_001127497
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCACATTCTTTAAAACACTTCGAAATCATTGGAAGAAAACACAGCTGGCCTCTGCTTGCTGACAT
 GGGGAGGTCAGTCTATGAAAAGCACTGTGATAACCTGCTAAGAAGAGCAGCTTGCAAGAAGCTCA
 GGTGTTTGGCAACCAGCTCATTCTCCCAATGCACAAGTGAAGAAAGCCACCGTCTTTCTCAATCCTGCA
 GCTTGCAAAGGCAAAGCCAGAAGCTATTTGAAAAAATGCTGCCCAATTTTACACCTGTCTGGCATGG
 ATGTGACTGTCGTCGAAGACAGATTATGAGGGACAAAGCAAGAAGCTCTGGAGTTGATGGAACGACCGA
 TGTGATCATTGTTGCTGGAGGAGATGGCACCTGCAGGAGTTGTTACTGGAGTACTTAGAAGAAGAT
 GAGGCTACCTCAGTAAGATTCCAATTGGATTTATCCCGCTGGGACAGACCAGTAGTTTGAGTCACACCC
 TCTTTGCTGAAAGTGAAACAAAGTCCAACATGTCACAGATGCCGCACTGGCCATTGTGAAAGGGGAGAC
 TGTTCCACTTGACGCTCTGCAGATCAAGGGTAAAAAGAAGCAGCCTGTCTATGCCATGACCGGCCCTCCGG
 TGGGATCCTTCAGAGATGCTGGCGTCAAAGTTAGCAAGTACTGGTATCTTGGTCCTCTAAAAACCAAAG
 CAGCCACTTTTTTCAGCACTCTTCAGGAGTGGCCTCAGACCCATCAGGCCATCTCTTACACGGGCC
 TACAGAGAGACCTCCATTGGGCCTGAAGATGCTGCTCCCGGCCCTTCTGTACAGGAGAATATTACGT
 AGGCTTGCTCATTCTGGGCACAGCCACAGGATGCCTTCTCCCCAGAGGTGAGCCCTGAGGTCTGAAAAG
 ATGTACAAGTGTCCACATTGAACTGTCCATCACAACCCGAAACACCCAATTGACCTGACGAGCAAAGA
 GGACTTTATGAACATTTGCATTGAGCCTGACACTGTGAGCAAAGGAGATTTATAATCATAGGCAGTAAG
 AAGGTGAGAGACCCTGGTCTGCGAGCAGCCGGCAGGAGTGTCTCCACGCCAGCCGCTGCACTCTGTCTC
 TTCTGAGGAACTGAGGGCTCCTTCAGCATCGACAGCGAGGAGTATGAAGCCATGCCTGTGGAGGTCAA
 ACTCTGCCAGAAAACCTCAGTCTTCTGTGATCCAAGGAAGAGAGAGCAAATGCTGCAGAGCACATCC
 CAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001127497
Insert Size:	1266 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:	<ol style="list-style-type: none">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:	<u>NM_001127497.1, NP_001120969.1</u>
RefSeq Size:	2228 bp
RefSeq ORF:	1266 bp
Locus ID:	502749
Cytogenetics:	4q22-q23