

Product datasheet for RN201216

Aurka (NM_153296) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aurka (NM_153296) Rat Untagged Clone
Tag: Tag Free
Symbol: Aurka
Synonyms: ARK-1; Stk6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201216 representing NM_153296
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACAGATGTAAGAAAACCTGTGTCTCTAGGCCTGTCAAGTCCACTGTTCCCTTCGGTCCGAAACGAG
TCTTGGTGACTGAGCAGATTCCTTCTCAGCACCCAGGATCAGCGAGCAGTGGCCAGGCCACGGGTCCT
GTGTCCCTCCAACCTCCAGCGTGTCCCTCCACAAGCACAGAAACCTGTGCGAGGTCAGAAGCCAGTGCTC
AAGCAGTTGCCGGCTGCCAGCGTCTCGACCTGCTTCCCGGCTGAGTAACCCCAAGAGTGAGCAGC
CACAGCCTGCCGGCTCGGGAAATAATTCTGAAAAGGAACAGACATCCATCCAGAAAACCTGAAGACTCAAA
AAAAAGGCAGTGGACTTTGGAAGATTTTACATCGGCCGCCACTAGGAAAAGGGAAGTTTGGAAATGTC
TACTTGGCGAGGGAGAAGCAAAGCAAGTTCATCCTGGCTCTGAAGGTGCTGTTTAAAGTACAGCTGGAGA
AGGCAGGTGTGGAGCACCAGCTCCGGAGAGAAGTGGAGATCCAGTCCCACCTGCCGACCCCAACATCCT
CAGGCTGTATGGGTATTTCCATGACGCCACCAGAGTTTATTTAATTCTGGAATACGCGCCCTTGGAAAC
GTATATAGAGAGCTTCAAAAACCTCCAAGTTTGATGAGCAGAGAACAGCTACCTACATCACGGAGTTGG
CGAATGCTTTGCTACTGCCACTCAAAGAGAGTCAACACAGAGACATCAAGCCAGAGAACCTGTGCTGCT
TGGCTCAAATGGGGAGTTGAAGATCGCAGACTTTGGGTGGTCTGTGCATGCTCCGCTTCCAGGAGAACC
ACGCTGTGTGGCACCCCTGGACTACCTGCCCCCGGAGATGATTGAAGGTCCGATGCATGACGAGAAGGTGG
ACCTCTGGAGCCTGGGGTGTCTGTCTATGAGTTCCTAGTGGGGATGCCTCCTTTTGGAGCACACTTA
TCAGGAGACCTACAGAAGGATATCACGGTTGAATTCACATTCCTGACTTTGTGACGGAGGGAGCCAGG
GACCTCATTTCAAGACTGTTAAACACAACCTCAAGTCAAAGGCTAACACTAGCGGAAGTCTTTGAGCACC
CTTGGATCAAAGCTAATCTTCAAACCTCCGACTGGCCACAATAGCAAAGAGGCAACTAGCAAATCGTC
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_153296
Insert Size:	1194 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_153296.2</u> , <u>NP_695208.2</u>
RefSeq Size:	2384 bp
RefSeq ORF:	1194 bp
Locus ID:	261730
Cytogenetics:	3q42
Gene Summary:	serine/threonine protein kinase which is regulated by the cell cycle; may be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation [RGD, Feb 2006]