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Product datasheet for RN217679

Alpk3 (NM_001191895) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alpk3 (NM_001191895) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Alpk3
Synonyms:	RGD1309860
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217679 representing NM_001191895 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGGGTCGCGGAGGGCCTTGGGCCGGGGCTGGGGCCTGGGTGGTCGAGCAGGAACCGGTGGAGATGGCG AGGACGACGGGCCGGTGTGGACTCCTGGCCCAGCCAGTCGCAGCTACTTGCTCAGCGTGCGGCCGGAGGC TAGCTTATCAAGCAACCGGTTGTCTCACCCCAGCTCTGGAAGGAGCACCTTCTGCTCCATCATTGCTCAG CTTACAGAGGAGACCCAGCCGCTGTTTGAGACCACACTCAAGTCCCGAGCTGTGTCCGAAGACAGTGATG TCAGGTTCACCTGCATTGTCACAGGATACCCAGAGCCAGAGGTGACCTGGTACAAGGATGACATAGAACT GGACCGTTACTGTGGCTTGCCAAAATACGAGATCACTCACCAAGGCAACCGGCACACCCTGCAGCTGTAC AGGTGTCGGGAAGAAGATGCTGCCATCTACCAGGCCTCTGCCCGGAACACCAAGGGCATCGTGTCTTGCT CAGGGGTCCTAGAGGTGGGCACTATGACGGAGTACAAGATTCACCAGCGCTGGTTCGCCAAGTTGAAGCG TAAGGCTGCGGCCAAGATGAGGGAGATTGAGCAGAGCTGGAAGCACGGGAAAGAGGCTTCAGGGGAGGCT GACACACTTCGCAAGATCAGCCCGGACCGCTTCCAAAGAAAGCGCCGACTGAGTGGAGCGGAAGAGGCAG TCCTCCCGGCGCCACTCAGGGGAACGGAGGAAGGGCCCTCAGCAGCTTGGCAGGAAGGAGAGGCTGAGTC CACTCAGCACCCAGGTTTGGGGATGATCAACAGTTTCGCTCCTGGTGAGGCACCCACCAATGGGGAGCCT GCCCCAGAGAACGGGGAGGACGGAGAGCACGGCCTGCTGACCTACATCTGTGAGGTCATGGAACTGGGGC CTCAGAACACCCCTCCAAAGGAGTCTGGGGCTAAGAAGAAAAGGAAGGATGAGGAATCTAAACCAGGAGG GCAGAAACCAGAGTTAGGGAAGGCAGAAGGGAGCCAGTGCTCTTCAGAAAATGGCATCCCTAGCTCAGAC AAACTCAATTCCAGTAGAAGGGAGAAGAAGTCCAGGGATGTGCAGCCAACTCAGAACCAGACCAGAGACA GGGTAGCACGGGGGCCTGGGCCTTCTGGGATAGAAAGCACCAGGAAGACAGCCTCTGTTCTGGGTACTCA AGACAAGGTCCAGGATGTCCCGGCCCTGGCCCCGGCCCCCGCCCCGGCCCCCGCTCCTGTCCCAGTCCCT GCACCCGCCCCTGTTCCAAGCCTCAGCTCAGAGCAGGTGTATTTCTCGCTGAAGGACATGTTCATGGAGA GCACCCGGGCAGGCAGGTCCCAGGAAGAGGAAAAATCTCCACCTCCAAGTACCAGAGTAGCTGGAGAAAG TCCTTCAGGGAAGGTACCTGTCAAGGCTAGAGGGGAGAAGGTACCTATGGTCTCTGGCCAGCCCACGTCT TCCACGGTGCCCCCGCCTATTAAACCTTTGAACAGGAAGAGATTTGCCCCTCCTAAATCCAAAGTGGAGT

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CAGGGCATGCGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001191895
Insert Size:	5055 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191895.1, NP_001178824.1
RefSeq Size:	5055 bp
RefSeq ORF:	5055 bp
Locus ID:	365298
Cytogenetics:	1q31