

Product datasheet for RN213036

Acp5 (NM_019144) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acp5 (NM_019144) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acp5
Synonyms:	Trap; TTRRAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213036 representing NM_019144 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCACCTGTGCTTCCAGCATGGATACGTGGATGGTGTGCTGGGCCTGCAAATCCTGCTGCTCC
CACTCCTGGCTCACTGTACAGCCCCAGCTTCCACCCTGAGATTCGTGGCTGTGGGTGACTGGGGAGGGGT
CCCCAATGCCCATTCACACAGCCCGGAAATGGCCAATGCTAAAGAAATCGCCAGAACCCTGCAGATT
ATGGGCGCTGACTTCATCATGTCCCTGGGGACAATTCTACTTCACTGGAGTGCATGACGCCAATGACA
AGAGGTTCCAGGAGACCTTTGAGGATGTGTTCTCTGACCGTGCCTCCGCAACATCCCCTGGTACGTGCT
GGCTGAAACCATGATCACCTTGCAATGTCTCGGCACAAATGGCTACTCCAAGATCTCCAAGCGCTGG
AACTTCCCCAGCCCTTATTACCGTTTGCCTTTCAAAGTTCGCGGTGCAACATCACCGTGGCCATCTTTA
TGCTGGACACCGTGATGTGTGGCAATTCGACGACTTTGTCAGCCAGCAGCCTGAAATGCCCGGAGA
CCTGGGAGTGGCCCGCACTCAGCTGTCTGGCTCAAAAAACAGTTGGCAGCAGCCAAGGAGGACTATGTT
TTGGTGGCCGGTCACTACCCATCTGGTCCATCGCCGAGCACGGACCCACCCGCTGCCTGGTCAAGAACT
TGAGGCCATTGTTGGCTGCATACGGGGTCAACCGCTACCTGTGTGGCATGACCACAACCTGCAGTATCT
TCAGGATGAGAACGGTGTGGCTATGTGCTGAGTGGGGCCGCAACTTCATGGACCTTCCGTGCGGCAT
CAACGAAAGGTCCCCAACGGCTACCTACGCTTTCACATGAGTCTGAGGACTCTCTGGGTGGCTTACAT
ACGTGGAGATAGGCTCCAAAGAAATGAGCATCACGTATGTGGAAGCCTCTGAAAAATCACTCTCAAGAC
CAGCCTCCCAGCGACCCAGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_019144
Insert Size:	1008 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:	NM_019144.2 , NP_062017.2
RefSeq Size:	1415 bp
RefSeq ORF:	1008 bp
Locus ID:	25732
UniProt ID:	P29288
Cytogenetics:	8q13
Gene Summary:	tartrate-resistant acid phosphatase; may be involved in bone resorption; 5b isoform is osteoclast-specific and may be a specific marker of bone resorption [RGD, Feb 2006] Transcript Variant: This variant (1) encodes the longer isoform (1).