

Product datasheet for **RN204406**

Acr (NM_012490) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acr (NM_012490) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acr
Synonyms:	Acro
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204406 representing NM_012490 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTAGAGATGCTGCCAACTGTCGTTGCGCTGGTCTGGCAGTGTCCGTGGTTGCCAAGGATAACACCA
CGTGTGATGGCCCTGTGGTTACGATTACGGCAGAACCCACAAGCAGGTATCCGGATTGTCGGAGGGCA
GACTTCGTCGCCCTGGGGCTGGCCCTGGATGGTCAGTTTACAGATCTTCACGTCCCATAACAGCCGTAGG
TATCACGCCTGCGGAGGAGCCTACTGAACTCCCCTGGGTGCTCACGGCTGCTCACTGCTTCGATAACA
AAAAAAAAAGTCTATGACTGGAGACTGGTTTTGGAGCCCATGAAATTGAATACGGAAGAAACAAGCCAGT
GAAAGAGCCCCAGCAGGAAAGATACGTGCAGAAAATTGTCATCCACGAGAAAATACAACGCTGTGACCGAG
GGGAACGACATTGCCCTCTTAAAGTCACTCCTCCTGTTACATGTGGGGACTTCGTTGGGCTGGCTGCC
TACCTCATTTAAAGTCTGGTCTCCAGAAATCCCCACACCTGCTACGTGACTGGTGGGATACATAAA
AGATAACGCCCCAGACCATCACCTGTCTGATGGAGGCCCGGTGGATCTCATTGACCTCGACCTGTGT
AACTCCACCCAGTGGTACAATGGGCGTGTACATCAACTAATGTGTGCGCAGGGTATCCTGAAGCAAGA
TTGACACCTGCCAGGGGACAGTGGTGGCCCTCATGTGCAGAGACAGCGTCGACAGCCCTTTGTGAT
CGTGGGGATCACGAGCTGGGGGTAGGCTGTGCCGTGCTAAGCGTCTGGAGTCTACACAGCCACCTGG
GACTACCTGGACTGGATTGCTTCCAAGATCGGCCCTACCGCCTTGCACTTGATTCAACCGCCACCCCTC
ACCCACCTACAACCCAGCAACCGGTCTCTCTTCCACCCTCCTTCGATCCACCCTCCTTGGTACTTCCA
ACACCTGTCTCCTCGGCCCTCACCTACGACCGCCTCGGCTCTGCTCCATCAGCCGTCTTCAGTCCAT
ACCTCCTCAGCTCCAGTCATACCTCTACTCTCCCTGCTCACCCAGTCCAGCCTGTGTCTTTACCTTG
CTGCGTACCACACAAGGCACCACACAACGCTGTCTTTGCTGGCGTCTACAGCATCTCATAGGGCCCT
GAAGATGAGAACTTACCCTATAAAATATCCCTCCCGGTACAGTGGACCTGTGAATACCAGCACCCTTC
TCCAGTTCGAGCCCTTCCAACAACCCAGTGGACCCCTCCTCCATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012490
Insert Size:	1314 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_012490.2</u> , <u>NP_036622.2</u>
RefSeq Size:	1504 bp
RefSeq ORF:	1314 bp
Locus ID:	24163
UniProt ID:	<u>P29293</u>
Cytogenetics:	7q34
Gene Summary:	acrosomal serine protease; plays a role in fertilization [RGD, Feb 2006]