

Product datasheet for **MC215707**

Acr (NM_013455) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acr (NM_013455) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acr
Synonyms:	MGC124043
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215707 representing NM_013455 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTAGAGATGCTGCCAACTGTCGCTGTGCTGGTCTTGGCAGTGTCCGTGGTTGCCAAGGATAACACCA
CGTGTGATGGTCCCTGTGGTTACGATTACGGCAGAACTACAAGCAGGTACCCGGATTGTCAGTGGCA
GAGTGCAGCTTGGGGCTGGCCCTGGATGGTCAGCTTACAGATCTTCACGTCCCATAACAGCCGAGG
TACCACGCCTGTGGAGGAGCCTCCTGAACTCCCACTGGGTGCTCACAGCTGCCACTGCTTCGATAACA
AAAAAAAAAGTCTATGACTGGAGACTGGTTTTCCGAGCACAAAGAAATCGAATATGGAAGAAACAAGCCAGT
GAAAGAGCCCCAGCAGGAGAGATATGTGCAGAAGATTGTCATCCATGAGAAATACAACGTAGTGACGGAG
GGAATGACATTGCGCTCTTGAAGTCACTCCTCCTGTTACATGTGGAACTTATTGGACCCTGCTGTC
TACCTCATTTAAAGGCGGGTCTCCCAAATACCCACACCTGCTACGTGACTGGGTGGGATACATAAA
AGAGAAGGCCCCAGGCCATCACCTGTCTGATGGAAGCACGTGTGGACCTCATTGACCTCGACCTGTGT
AACTCAACCCAGTGGTACAATGGGCGTGCACATCGACTAATGTGTGTGCAGGGTACCTGAAGCAAGA
TTGACACCTGCCAGGGGACAGTGGTGGCCCTCATGTGCAGAGACAACGTGCAGACGCCCTTTGTGGT
CGTGGGATCACGAGCTGGGGGTAGGCTGTGCCGTGCTAAGCGTCCCGAGTCTACACAGCCACCTGG
GACTACCTGGACTGGATTGCTTCCAAGATCGGCCCTAACGCCTTGCACTTGATTAGCCAGCCACCCCTC
ATCCGCCGACTACCCGCATCCGATGGTCTCTTTTACCCTCCTTCTCTTCGCCCTCCTTGGTATTTCCA
ACACCTGCCTTCTCGACCCTTTACCTGCGACCACTACGGCCTCTGCTCCATCGGCCGCTTTCGACCCAA
ACCTCCTCATCACTCATGCCCTCCTCTCGCCCCAACCCAGCCAGCCTGCATCCTTTACCATTGCTA
CACAACACATGAGGCACCGCACAAAGCTGTCTTTGCTCGGCGTCTCCAGCGCTCATAGAGGCCCTGAA
GATGAGAACTTACCCTATGAAACATCCCTCCAGTACAGTGGACCAAGGAACTACCACTACCGCTTCTCC
ACGTTTGAGCCCTTTCCAACAAACCCAGCGAGCCCTTCTCCATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013455
Insert Size:	1311 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_013455.3 , NP_038483.1
RefSeq Size:	1504 bp
RefSeq ORF:	1311 bp
Locus ID:	11434
UniProt ID:	P23578
Cytogenetics:	15 44.96 cM
Gene Summary:	<p>Acrosin is the major protease of mammalian spermatozoa. It is a serine protease of trypsin-like cleavage specificity, it is synthesized in a zymogen form, proacrosin and stored in the acrosome.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>