

Product datasheet for **MC224780**

Abca5 (NM_147219) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abca5 (NM_147219) Mouse Untagged Clone
Tag: Tag Free
Symbol: Abca5
Synonyms: ABC13; B930033A02Rik; mKIAA1888
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224780 representing NM_147219
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTACTGCAATTAGGGATGTGGGAGTTGGAGACAGACCAGAACAACCTTCTACTGAAAAATTACCTAA
TTAAATGCAGGACTAAAAAAGTAGTGTCAGGAAATCTTTTCCTCTATTTTCTTATTTTGGCTGAT
ATTAGTTAGCATGATGCATCCAATAAGAAATATGAAGAGGTATCTGATATAGAGCTCAGCCCTATGGAC
AAATTCAGCCTTTCCAAGTTATTCTTGGATACACTCCCGTGACTAACATTACAAGCAGCATTATGCAGA
GGGTTTCTACCGATCATTTCCCAAGGTTATAGTTACTGAAGAATACGCAAATGAGAAAGAACTGGTAGC
CGCAAGTCTTTCTAAGTCCAGCAACTTCGTAGGTGTGGTTTTCAAGACACCATGTCCTATGAACCTCGT
TTTTTCTGAAATGATTCCAGTGTCTTCTATTTATATGAATCAAGAGAAGGCTGTTCAAAGACATGTG
ATGCTGCTCAGTACTGGTCTTTGGGGTTTACAGTTCTGCAGGCATCGATAGATGCTGCCATTATACAGCT
GAAGACCAATGTTTCTGTGTGGAGCGAGCTGGAGTCGACCAAAGCTGTGATCATGGGAGAGGCCGCTGTT
GTGGAGATTGACACCTTCCCGCAGGGGTCATCCTCATCTACCTCGTCATAGCCTTCTCGCCCTTCGGCT
ACTTCTGGCAATCCACATCGTGGCAGAAAAAGAAAGAAAGTAAAGGAATTTTTAAAGATAATGGGACT
TCATGACACTGCTTTTTGGCTTTCTGGGTTCTTCTGTACGCAAGCTTGATTTTCTTATGTCCTGCTT
ATGGCTGTCATCGCAACAGCTTCTTCGTTATTCCTCAGAGTAGCAGCATTGTGATCTTTCTACTGTTCT
TCTTATATGGATTGTCATCTGTGTTTTTGTCTTAATGCTGACGCCTCTTTTTAAAAATCAAAACACGT
GGGAGTCGTTGAGTTTTTGTACCGTGGTGTGGATTGTTGGCCTGCTGATTGCTCCTCATAGAAAGT
TTCCCCAGGTCGCTGGTGTGGCTCTTCAGTCTTTGTGTCAGTGTGCCTTTCTGATTGGGATTGCACAGG
TCATGCATTTAGAAGATTTAATGAGGGTGCCTATTTTCTAATTTGACTGAAGGTCCCTATCCTCTAAT
TATTAATATCATGCTAGCTCTGACAGTGTGTTCTATGTCCTCCTGGCTGTGATCTCGACCAAGTC
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AAAGAACTATAAGGAGCTATCGGAGGGCAACATTAATGGCAATATTAGTCTCAATGAAATTTGTTGAGCC
CGTTTTCTCAGAATTTATAGGAAAGAAGCTATAAGAATAAGTGGTATTAGAAATCCTATAGAAAGAAA
ACTGAGAACGTGGAGGCTTTGAGAAATTTGTCATTTGACATATATGAAGTCCAGATTACTGCACTGCTGG



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GCCACAGTGAACAGGAAAAAGCACACTGATGAATATTCTGTGTGGACTGTGCCACCCTCTGATGGGT
 TGCTTCTATATATGGACACAGAGTCTCTGAAATAGATGAAATGTTTGAAGCAAGAAAAATGATTGGCATA
 TGTCCGCAGTCAGATATAAACTTTGATGTTCTGACAGTAGAAGAAAAATTTATCAATTTTGGCTTCAATCA
 AAGGAATACCAGCCAACAATAAATCAAGAAGTGCAGAAAGTGTGCTGGATCTGGACATGCAAGCCAT
 CAAAGATAATCAAGCGAAAAAGTTAAGCGGTGGTCAAGAAAGGAAGTGTCTGTAGGAATTGCAGTTCTC
 GGAATCCAAAGATACTCTGCTAGACGAGCCTACAGCAGGAATGGACCCCTGCTCTCGCCATATTGTTT
 GGAATCTCTAAAGTATAGAAAGGCTAACAGAGTGACCGTGTAGTACTCACTTCAATGGATGAGGCTGA
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 CGTCGCTGGTTAGGCAGCACATACCGCAGCCGCTACTGCAGCAGAATGACCAGCAGCTCGTGTACAG
 CCTGCCTTTCAAAGACATGGACAAATTTTCAGGCTTGTCTTCTGCTCTAGACATTCATTCAAACCTGGGT
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 CAATGTGGTGCCTTCTGAAAAGGACTATGTTTTTCTGCTGTTTTCAACAGTACTATGGTTTATTGTTT
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 GGAGTACCCGTTTCAATCAAGAAATTAAGTACTGACTGTTTTTAAATTTGAGCTATATTTCAAGCAGCTT
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 TTATCCTGCAAAATTTCTGCTGTGGTGTGTTTGCCTCATTGCTTATGTGCCCTCCGTCATTCTGTTACG
 TACATAGCTTCGTTCACTTTCAAGAAAATTTAAATACCAAGGAATTTTGGTCATTTATCTATTCTGTGA
 CCGCATTTGGCTTGTGGCAATCACGAAACAACCTTCTTTCTGCAATATGCAGTTACGGCTGTCTTTCA
 TTACACCTTCTGCATAGCCATTCATCTACCCTCTCCTGGTGTCTGATTTCTTTCAAAGGGTTCT
 TGGAAGAATATGCCAAAAATGAGAATACCTACAATCCCTGGGATAGACTTTTAGTTGCTGTAATCATGC
 CCTACCTGCAGTGTATACTGTGGATTTCTCTTACAACACTATGAGAAAATACATGGAGGCAGATCTAT
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 AATGAGGATGAAGATGAAGATGTCAAAGCTGAAAGACTGAAGGTTAAAGAGCTGATGGGTTGCCAGTGT
 GTGAGGAGAAGCCAGCCATTATGGTATGCAATTTGCATAAAGAGTATGATGACAAGAAAGATTTTCTTCA
 TTCAAGAAAAACAACAAAAGTAGCAACAAAATACATCTCTTTCTGTGTGAAAAAAGGAGAGATCTTGGGA
 CTGTTGGGTCAAATGGAGCTGGCAAAAGCACAGTCATTAACACTCTGGTTGGGGACGTTGAGCCAACTT
 CAGGCAAGATCTTTCTAGGAGATTATGGTTCACATTCAAGTGAAGATGACGAATCCATTAAGTGTATGGG
 GTACTGCCCCAGACAAACCCACTGTGGCCAGATCTCACTCTACAGGAACATTTTGAAGTTTACGGAGCT
 GTGAAAGGAATGAGTCTGGTGACATGAAGGAAGTCACTAGTCGAATAACAAAAGCCCTGATTTGAAAG
 AACATCTTCAGAAGACTGTAAGAAGCTACCTGCAGGGATCAAGCGAAAGCTGTGTTTTGCTCTCAGCAT
 GCTGGGGAACCCCTCAGGTGACGCTGCTGGATGAGCCGTCCACAGGCATGGACCCAAGAGCCAAGCAGCAC
 ATGTGGAGAGCTATTCGAACTGCATTTAAAAACAAGCGGGCCGCCCTCCTGACTACTCATTACATGG
 AAGAGGCAGAGGCTGTCTGTGACAGAGTGGCCATCATGGTATCTGGGCAGCTAAGATGATTGGAACAGT
 ACAACATCTAAAGAGTAAGTTTGGTAAAGGCTACTTTTTGGAAATTAATTAAGGACTGGATAGAAAAC
 CTGAAAATAGATCGCCTTCAAAGAGAAATTCATATATTTCCCAAATGCAAGCCGCAAGAGAGCTTTT
 CTTCTATTTTGGCTTTTAAATTTCAAAGAAGATGTTTCAAGTCTCTCTCACAATCCTTCGCTAAGTTGGA
 AGAAGCAAACGCACTTTTGCATTGAAGAATACAGCTTTTCTCAAGCAACCCTGGAACAGGTTTTTGTGA
 GAACCTACTAAAGAGCAAGAGGAAGAAGATAACAGCTGTGGGACTTTGGCCAGCACTCTCTGGTGGGAAA
 GGACGCAGGAGGATAGAGTAGTATTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_147219
Insert Size:	4929 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_147219.2 , NP_671752.2
RefSeq Size:	8339 bp
RefSeq ORF:	4929 bp
Locus ID:	217265
UniProt ID:	Q8K448
Cytogenetics:	11 E1
Gene Summary:	May play a role in the processing of autolysosomes.[UniProtKB/Swiss-Prot Function]