

## Product datasheet for MR215883

### Abca6 (NM\_001166557) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Abca6 (NM\_001166557) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Abca6  
 Synonyms: 6330565N06Rik  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >MR215883 representing NM\_001166557  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGAAGGAGCTAAGTGTGCACGTGCGCCAGCAGACCCGCGCCCTTCTGCACAAGATTCTGCTCAAGAAAT  
 GCGGAGGAAGAGAGAGAGCTTATTGGAATGGAGCATACCAATTATTATAGGACTGCATATGGGTCTGTT  
 TTCCTACTTGGCAAGAAATATTCAGGTCTCGAAGTCCCTCCTCAGGATCTTGGAACTAAATGAATTT  
 AATGGATCTTCTAGTAGTTGTATATACACCGATCTCTAACATAACCCAGCAGATAATGAACAAAACAA  
 CATTTGCTCCAATATGAAAGGAACAAGAATCATCGGGGTACCAAGTATAGAAGACTTGGATGAAGTTCT  
 TCTGCACAATATACCGGACGCTTTAGGAGTCATCTTAAATGACAGTTTCTTTACCAATTTAAAGTCCTC  
 AGGATGTATGGAAATCCATTTTTGAAAGAGGACTTATTAGCTCATTGCTGGGATACGCATTCTCAGGCGT  
 TCTGTTCACTTTCCAAATACTGGGAAAGAGGCTTCGTAGCTTTACAAACCGCCATTAACGCTGGGATTAT  
 AGAAGTCACAACAAACCACTCGGTGATGGAGGAGCTGATGTCCATCGATGGGATCAATATGAAGACATTA  
 CCTTTTCATTCTAGAGATCTTTCGGATTACGAAATTTTTATCTTGTCTGCTTTCCTTCTCCTCGT  
 TTATATATTTTGCATCCAGCAATGTTACTAAAGAGAGAAAACAGTGAAGGAGGTCATGAAAGTCATGGG  
 TCTACAAGACTCTGCATTCTGGCTGTCTGGGCTTAATCTATGTTGGCTTCATCTTTATTATTTCCATA  
 TTCATTGCAATTATCATAACATCTACCCAGATTATAATGATGACTGGTTTCTGGTCATATTTACGCTGT  
 TTTTCTTATATGGATTATCCTTGTAAGTGTATGTGTTTACTACCATCATTTACACATTATATCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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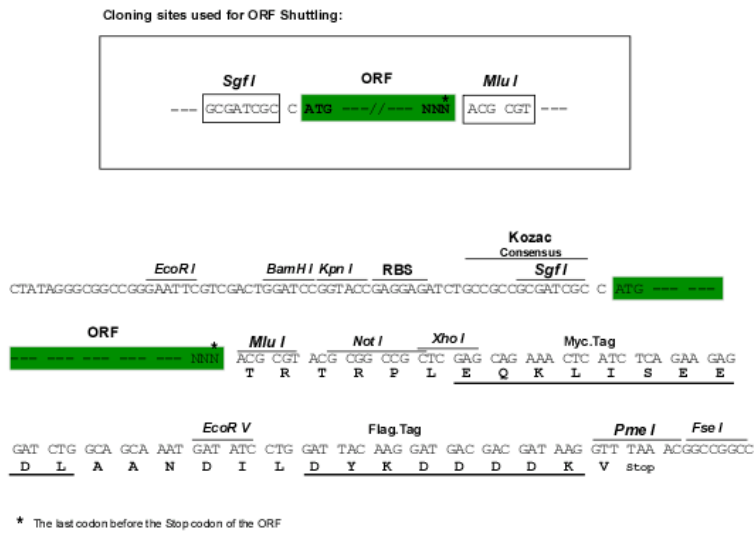
**Protein Sequence:** >MR215883 representing NM\_001166557  
 Red=Cloning site Green=Tags(s)

MKELSVHVRQQTRALLHKILLKKWRRKRESLLEWSIPIIIIGLHMGLFSYLARNIQVLEVPQDLGSLNEF  
 NGSSLVVVYTPISNITQQIMNKTTFAPTMKGTRIIIGVPSIEDLDEVLLHNIPDALGVIFNDSFSYQLKVL  
 RMYGNPFLKEDLLAHCWDTHSQAFCSLSKYWERGFVALQTAINAGIIEVTTNHSVMEELMSIDGINMKTL  
 PFIPRDLSDYEIFILFCLLYFSSFYFASNVTKERKQCKEVMKVMGLQDSAFWLSWGLIYVGFIFIISI  
 FIAIIITSTQIIMMTGFLVIFTLFFLYGLSLVSVCVYYHHLHIIS

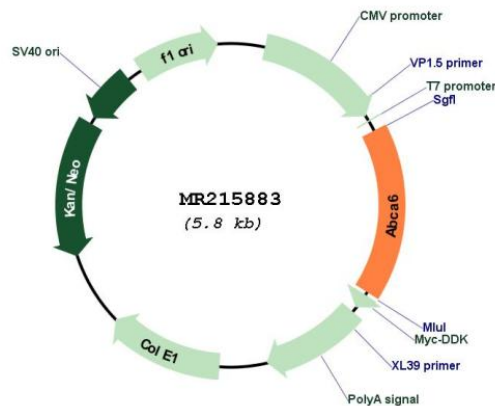
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001166557

**ORF Size:** 975 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001166557.1</a> , <a href="#">NP_001160029.1</a>
<b>RefSeq Size:</b>	1441 bp
<b>RefSeq ORF:</b>	978 bp
<b>Locus ID:</b>	76184
<b>UniProt ID:</b>	<a href="#">Q8K441</a>
<b>Cytogenetics:</b>	11 E1
<b>MW:</b>	37.8 kDa
<b>Gene Summary:</b>	Probable transporter which may play a role in macrophage lipid homeostasis. [UniProtKB/Swiss-Prot Function]