

## Product datasheet for RC233892

### AMCase (CHIA) (NM\_001258001) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AMCase (CHIA) (NM_001258001) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	AMCase
Synonyms:	AMCASE; CHIT2; TSA1902
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233892 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTTCTACTCCTGAGAACC GCCAGACTTTCATCACCTCAGTCATCAAATTCCTGCGCCAGTATGAGT  
TTGACGGGCTGGACTTTGACTGGGAGTACCCTGGCTCTCGTGGGAGCCCTCCTCAGGACAAGCATCTCTT  
CACTGTCTGGTGCAGGAAATGCGTGAAGCTTTGAGCAGGAGGCCAAGCAGATCAACAAGCCCAGGCTG  
ATGGTCACTGCTGCAGTAGCTGCTGGCATCTCCAATATCCAGTCTGGCTATGAGATCCCCAACTGTCAC  
AGTACCTGGACTACATCCATGTCATGACCTACGACCTCCATGGCTCCTGGGAGGGCTACTGGAGAGAA  
CAGCCCCCTCTACAAATACCCGACTGACACCGGCAGCAACGCCTACCTCAATGTGGATTATGTCATGAAC  
TACTGGAAGGACAATGGAGCACCAGCTGAGAAGCTCATCGTTGGATTCCCTACCTATGGACACAACCTCA  
TCCTGAGCAACCCCTCCAACACTGGAATTGGTGCCCCACCTCTGGTGTGGTCTGCTGGGCCCTATGC  
CAAGGAGTCTGGGATCTGGGCTTACTACGAGATCTGTACCTTCTGAAAAATGGAGCCACTCAGGGATGG  
GATGCCCTCAGGAAGTGCCTTATGCCTATCAGGGCAATGTGTGGGTTGGCTATGACAACATCAAGAGCT  
TCGATATTAAGGCTCAATGGCTTAAGCACAACAAATTTGGAGGCCCATGGTCTGGGCCATTGATCTGGA  
TGACTTCACTGGCACTTTCTGCAACCAGGGCAAGTTTCCCCTAATCTCCACCCTGAAGAAGGCCCTCGGC  
CTGCAGAGTGCAAGTTGCACGGCTCCAGCTCAGCCATTGAGCCAATACTGCTGCTCCCAGTGGCAGCG  
GGAACGGGAGCGGGAGTAGCAGCTCTGGAGGCAGCTCGGGAGGCAGTGGATTCTGTGCTGTACAGGCCAA  
CGGCCTTACCCCGTGGCAAATAACAGAAATGCCTTCTGGCACTGCGTGAATGGAGTACAGTACCAGCAG  
AACTGCCAGGCCGGGCTTGTCTTCGACACCAGCTGTGATTGCTGCAACTGGGCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)



**Reconstitution Method:**

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\\_001258001.2](#)

**RefSeq Size:** 1537 bp

**RefSeq ORF:** 1107 bp

**Locus ID:** 27159

**UniProt ID:** [Q9BZP6](#)

**Cytogenetics:** 1p13.2

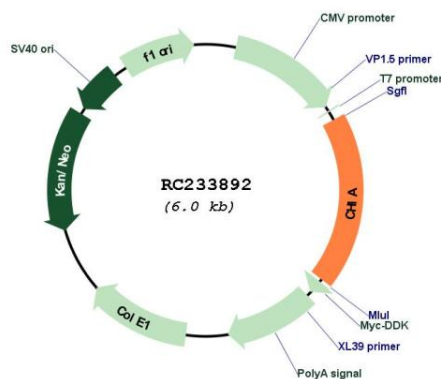
**Protein Families:** Secreted Protein

**Protein Pathways:** Amino sugar and nucleotide sugar metabolism

**MW:** 40.1 kDa

**Gene Summary:** The protein encoded by this gene degrades chitin, which is found in the cell wall of most fungi as well as in arthropods and some nematodes. The encoded protein can also stimulate interleukin 13 expression, and variations in this gene can lead to asthma susceptibility. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

## Product images:



Circular map for RC233892