

## Product datasheet for MR231474

### Agbl3 (NM\_001289656) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Agbl3 (NM_001289656) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Agbl3
Synonyms:	2900053G10Rik; 4930431N21Rik; 6530406M24Rik; CCP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR231474 representing NM_001289656 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCAGAAGATTCAGAGGAGGAAGACTACTCAGATAGAAGCATCAGTGATGACGATGACTTGGATGAGG  
ATTCCTTCATGAAATTTGTAAGTGATGATTCATCCGTGCACACTACTGGCAGCTGATTCTATTGGTGA  
CCCATTCTCCCTCGGACTACACAAATTTATTGGAGTATCAGCTAGGAAGATGGGTACCACGCCTTCGC  
GGACCACGAGATTTATATGGTGTCTCTTCTTCTGGTCCACTGAGCCCAACACGGTGGCCATACCACTGTG  
AGGTCATTGATGAAAAAGTCCAGCATATTGAATGGACTCCCTTTGTCCCTGAGCCAGTGTATGTCCCGAC  
AGGCCTGGAAATAGAGCCTGTTTACCCAACTCCAAGGAAGATACTGTGGTTTATTTAGCTGAAGATGAT  
CACCTTTGTAAAGCTTACAAAGAGCCCTGTTTTGTGATTCCCGAGTTGGGGTAACCGAACATCCTTGA  
AACACCTGTGGATAACTGTGACAACACGCTGGTGTGTTGAAGCAAGGTTTGAAGTGGTAATCTACAGAA  
GGTAGTCAAAGTTGCAGATCATGAATACGAGTTGACTGTGCGCCAGACCTCTTCACAAATAAGCACACT  
CAGTGGTACTATTTCCAGGTCACATAACCCAAGCAGAAATAGTCTACAGATTCACTATTGTCAACTTTA  
CCAAGCCTGCTAGTCTTTACAATCGGGGTATGAAGCCATTGTTCTATTCTGAAAAAGAGGCCAAAACCCA  
TAACATTTGGCTGGCAGAGAATAGGAGATCAAATCAAGTATTATAAAAAAACCTTGGGCAAGATGGGCGC  
CATTTTTTTCTCTTACGTGGACATTTTCAGTTTCCACACAGCCAGGATACGTGCTACTTTGCTCACTGCT  
ATCCATACACTTACTCCAACCTTCAAGAATACCTGTCTGGCATCAACAGTGACCCAGTAAGATCAAAGTT  
TTGAAAAATACGTGCTTGTGTGTCACACACTTGCCAGGAATATGGTGTATGTCTTGACAATAACTACTCCC  
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GCTCTTGGATCATGAAAGGCTTCTGGATTATTTTTAGGAGACTCAAGTATGCACGCTTGTCTCGGGA  
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TAGGAAACAGAATATTTTCATGTATGGTTGTGATGGTAGCAGCAGATCTAAAACAAAAGGATTATACTTA



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CAGCAACGGATCTTTCCACTCATGCTGAGCAAAAATTGCCAAATATATTTTCCTTCTCAGCTTGAAGT  
 TTAACGTTCAGAAAAGCAAGAGGGGACAGGAAGGGTTGTAAATGTGGAAGATGGGCATCAGGAACAGCTT  
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 TACCTAACCAAAACCAGCAAGAAACCCAGTGAAGTGTGGCTGCTCACCTCCAGCTGAAGATTACACA  
 GGAACAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR231474 representing NM\_001289656  
 Red=Cloning site Green=Tags(s)

MSEDEEEDYSDRSISDDDDLDEDSFMKFVSDDIHPCTLLAADSIGDPFFPRTTQILLEYQLGRWVPRRL  
 GPRDLYGVS SSGPLSPTRWPHYCEVIDEKVQHIIEWTFVPEPVYVPTGLEIEPVYPSKEDTVVYLAEDD  
 HLCKayKEPCFVYSRVGGNRTSLKQPVDNCDNTLVFEARFESGNLQKVVKVADHEYELTVRPDLFTNKHT  
 QWYYFQVTNTQAEIVYRFIVNF TKPASLYNRGMKPLFYSEKEAKTHNIGWQRIGDQIKYKNNLQGDGR  
 HFFSLTWFQFPHSQDTCYFAHCYPYTYSNLQEYLSGINS DPVRSKFCKIRVLCHTLARNMVYVLTITTP  
 LKTSDSKRKAVILTARVHPGETNSSWIMKGF LDYILGDSSDARLLRDTFIFKVVPM LNPDGVIVGN YRCS  
 LAGRDLNRNYTSLKESFPSVWYTRNMINRLMEKREVILYCDLHGHSRKQNI FMYGCDGSSRSKTKGLYL  
 QQRIFPLMLSKNCPNIFSF SACKFNVQKSKEGTGRVVMWKMGI RNSFTLEATFCGSTLGNKRGTHFGTKD  
 LESMGYHFCD SLLDYCDPDRSKYYQCLKELEEMEKHLSSERVSDNTDTSLVEISLDV ESSSRGSDSSES N  
 DTQTYLLKVT SQARNKKY LKTKRERNA ILANCQNMQEVY GKEHLLQRHDESNSDGN DPRIDAPDVYVA  
 HCFRRPLPNQGVVKIPGQRFY PGKTWSSSQRM IKS LNKDHRTCI LETCKNPIQEVQSRGINIHESCFKMA  
 KCPMKNRPSHWIEKTRIP TESHHLKSKAKRCS SFQSKRTGTNWT DDEKRIYRDKRIAQTQEILKYLLPI  
 VESSQNRKSTQMNNLINPIANLQQHQLIPTACINRRRYSIPWTPTRNLPFKAQRNLMTDTSEWLQSVPLG  
 SFESLLPLCNLQKKT KHFELWGKAKDVQLATSQWEAVPLSSNMDASII RGN SVLQPKEFTMRSSKQRI P  
 YLTKTSKKPSES DGLLTFQLKIHRNS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



Locus ID: 76223

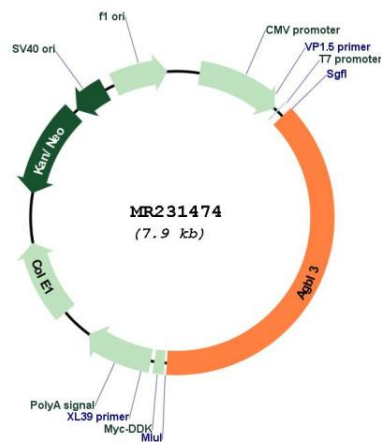
UniProt ID: [Q8CDP0](#)

Cytogenetics: 6 B1

MW: 116.8 kDa

**Gene Summary:** Metalloprotease that mediates both deglutamylation and deaspartylation of target proteins. Catalyzes the deglutamylation of polyglutamate side chains generated by post-translational polyglutamylation in proteins such as tubulins. Also removes gene-encoded polyglutamates or polyaspartates from the carboxy-terminus of target proteins such as MYLK. Does not show dephosphorylation or deglycosylation activities from the carboxy-terminus of tubulin.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR231474