

## Product datasheet for **MC228882**

### **Agbl3 (NM\_001289657) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Agbl3 (NM_001289657) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Agbl3
Synonyms:	2900053G10Rik; 4930431N21Rik; 6530406M24Rik; CCP3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC228882 representing NM\_001289657  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCCATTGTTCTATTCTGAAAAAGAGGCCAAAACCCATAACATTGGCTGGCAGAGAATAGGAGATC  
 AAATCAAGTATTATAAAAATAACCTTGGGCAAGATGGGCCCATTTTTTTTCTCTTACGTGGACATTTCA  
 GTTTCCACACAGCCAGGATACGTGCTACTTTGCTCACTGCTATCCATACACTTACTCCAACCTTCAAGAA  
 TACCTGTCTGGCATCAACAGTGACCCAGTAAGATCAAAGTTTTGTAAAATACGTGCTTGTGTACACAC  
 TTGCCAGGAATATGGTGTATGTCTTGACAATACTACTCCCTGAAGACTAGTACTCAAAGCGCAAGGC  
 TGTGATTTTACTGCAAGGGTCCATCCAGGAGAGACCAACAGCTCTTGGATCATGAAAGGCTTCTGGAT  
 TATATTTTAGGAGACTCAAGTGATGCACGCTTGTTCGGGACACTTTCATCTTCAAGGTGGTACCCATGC  
 TGAATCCAGATGGCGTATTGTGGGAAATTATCGATGTTCTTAGCTGGACGGGATTTAAACCGTAATTA  
 CACATCGCTCCTGAAGGAGTCTTCCCTTCTGTTTGGTATACAAGGAACATGATCAATAGTTAATGGAG  
 AAACGAGAGGTTATTTTATATTGTGATCTTCATGGCCATAGTAGGAAACAGAATATTTTCATGTATGGTT  
 GTGATGGTAGCAGCAGATCTAAAACAAAAGGATTATACTTACAGCAACGGATCTTTCCACTCATGCTGAG  
 CAAAAATTGCCAAATATATTTTCTTCTCAGCTTGAAGTTTAAAGTTTCAAGAAAGCAAGAGGGGACA  
 GGAAGGGTTGTAATGTGGAAGATGGGCATCAGGAACAGCTTACGCTGGAGGCCACCTTCTCGGGATCTA  
 CTCTGGGCAATAAACGAGGCACTATTTCCGGCACAAAAGATTTAGAGTCGATGGGATATCATTTTGTGA  
 TTCTCTGTTGGACTACTGTGATCCTGACAGGAGCAAATATTATCAGTCTTGAAGAATTAGAAGAAATG  
 GAGAAACATTTGAGCTCCGAAAGAGTCTCTGATAACACAGATACTTCTCTAGTAGAAATTTCTTTGGATG  
 TAGAGCTAGTAGTCTGAGGCTCTGACAGCTCAGAGTCCAATGACACTCAGACTTACCTTCTCAAGGTGAC  
 CTCTCAGGCAAGAAACAAGAAAAAGTATCTGAAAACAAAAGAGGGAAAGAAATGCCATCCTAGCAAAGTGC  
 CAGAATAACATGCAAGAGGTTTATGGCAAAGAACATTTACTCCAAGACACGATGAATCAAATCTGATG  
 GGAATGATCCAAGGATAGATGCACCAGATGTTTATGTGGCTCACTGTTTTCAGAAGACCGTTGCCTAACCA  
 AGGCGTGGTAAAATTCCTGGACAAAGTTTTATCCCGAAAAACATGGTCCAGCTCCAGCGTATGATT  
 AAGAGTCTTAACAAGACCATAGGACATGATTTTGAAGAACTTGAAGAATCCAATCCAGGAAGTTCAGT  
 CCAGAGGAATCAATATACATGAAAGTTGTTTCAAATGGCGAAATGTCCTATGAACAAAAGACCTTCA  
 TTGGATTGAGAAGACAAGAATACCAACAGAGTCACATCACCAGTTGAAAAGCAAAGCAAAAAGATGCTCG  
 TCTTCCAAAGCAAGAGGACTGGGACGAATTGGACAGATGATGAGAAACGAATTTACAGGGATAAAAGAA  
 TAGCTCAAACCTCAGGAAATATTAAGTATTTACTCCCTATCGTGGAGTCTCTCAAACAGGAAATCTAC  
 TCAAATGAACAATCTAATCAACCCGATAGCCAACCTTGAACAGCATCAACTTATTCCAACCTGCTTGATA  
 AATAGAAGAAGATACAGCATACCTTGGACACCAACCAGAAATCTCCCTTTAAAGCCCAAAGGAATCTTA  
 TGACAGACACCTCCGAATGGCTCCAGTCTGTGCCCTTGGGTCAATTTGAAAGTTTGTACCTCTCTGCAA  
 TCTTCAGAAGAAGACAAAACATTTTGAACCTGTTGGGCAAAAAGGCTAAGGATGTGCAGCTTGCCACCAGC  
 CAATGGGAGGCTGTGCCCTTGTGTTCTAACATGGATGCAAGTATCATCAGGGGTAAACAGTGTCTGCAGC  
 CTAAGAATTACCATGAGGAGCTCTAAGCAGAGAATTCCTTACCTAACCAAAACCAGCAAGAAACCCAG  
 TGAGAGTGATGGCTGCTCACCTTCCAGCTGAAGATTCACAGGAACAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001289657  
**Insert Size:** 2292 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u>NM_001289657.1, NP_001276586.1</u>
<b>RefSeq Size:</b>	5235 bp
<b>RefSeq ORF:</b>	2292 bp
<b>Locus ID:</b>	76223
<b>UniProt ID:</b>	<u>Q8CDP0</u>
<b>Cytogenetics:</b>	6 B1
<b>Gene Summary:</b>	<p>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 dehydrogenase or deglycase activities from the carboxy-terminus of tubulin.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains multiple differences in the 5' region and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus than isoform 1.</p>