

Product datasheet for **SC122383**

AGBL2 (BC028200) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AGBL2 (BC028200) Human Untagged Clone
Tag:	Tag Free
Symbol:	AGBL2
Synonyms:	ATP/GTP binding protein-like 2; carboxypeptidase 2, cytosolic; FLJ23598
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC028200 edited
 CTCAAGAGGCAGCTGCAAAGAAAGCTGTGGTCTTGAGTGCCAGAGTTCACCCTGGAGAAA
 GTAATGGCTCCTGGGTTATGAAAGGCTTTTTGGACTTCATCCTTAGCAACTCCCCAGATG
 CCCAGCTCCTCAGAGATATTTTTGTCTTCAAGGTGCTTCCCATGTTAAATCCAGATGGTG
 TGATTGTGGGGAATTATCGGTGTTCTTGGCCGGAAGGGATTTGAACAGGCATTAAAA
 CCATTCTGAAGGAGTCTTCCCTTGATTTGGTACACCAGGAACATGATCAAAAGTTCTC
 TTTTCACAGTTGTAATTTAAGGTCCAAAAATGCAAAGAAGGAACAGGACGAGTTGTTAT
 GTGGCGGATGGGAATCCTAAACAGCTACACCATGGAGTCTACCTTTGGCGGGTCCACCCT
 GGGTAATAAAAAGAGACACCCACTTTACCATCGAAGATCTGAAGTCTTAGGTTATCATGT
 CTGTGACACCCTTCTGGACTTTTGTGATCCTGACCAAATTAAGTTCAGTGTCTAGC
 AGAGCTTAAGGAGCTTCTACGACAGGAAATCCACAAGAAATCCATGAAGTTGGACAAGA
 TGTAGATTTAGAAGGAAGTTGGAGTGACATCTCTTTGTCTGACATTGAATCCAGCACCAG
 TGGCTCTGACAGTTCTCTCAGATGGTCTTCTGTTACCTAGCAAACATAGCAGATGA
 GCTGACTCAGAAAAAGAAGATGTTTAAGAAGAAAAAAGAAAGTCACTTCAGACTAGGAA
 ACAGCGAAATGAGCAGTATCAGAAAAAAATTTGATGCAGAAGTTAAAGTTAACAGAAGA
 TACCTCAGAAAAGGCAGGATTTGCTTCTACTCTGCAAAAGCAGCCAACCTTTTTCAAAAA
 CTCAGAGAATTCAGTTTTTTACCAATGAAAAATGAAAACCCAAGGTTAAATGAGACAAA
 TTTAAATAGAAGAGACAAAGACACCCCTGGACCCATCAATGGCCACCCTGATTCTGCC
 TAAGAATAAAGGGAGAATGCAGAATAAGAAGCCAGGCTTTACAGTATCATGCTCTCCAAA
 GAGAACCATAAATCCAGCCAAGAGCCAGCTCCAGGTATGAAGCCAAACTGGCCTAGGAG
 CAGATATCCTGCCACAAGAGAGGCTGTGCTGCCATGGCGGCATACCCATCCTTGACAT
 ATACACATACCCGTAGGTGAGCCTGGGCTGTGCCACACAAGCACTTCATCGGGGGTTTTG
 AGATTAGACACATTTTATAATGGGGGAGATGTATGACTGGGAATGCATTTACTTTGTTGGT
 ATACTGTGTTGTGCACTCATGCACTGACCTTACACTTTGTAATTACACTGTGGGCATGTG
 GTCAAGATGCATACCTCATGAATTCAACTATTTTTTCATAAAATGAAATTTTATTATGAT
 GTGTAATAATGCTTTATCAGAACTGAAGTGTGTTCTCATGGCACACTTCATGGCAGCAC
 AGATATACCTCATTTTAAACCAATAGATATTCTCTCTAAAATATGTGCAATCAATTTTT
 AAAAAATCAAAATCTATGTTAAACACATTTTGGCAGTGTGCTATAATAAAAAAAGTGTG
 TGTCAAAGCTTTCTAGTGACGGTCAGTCTACTGCTGTATGTCAGGTTTGCTCACAATGA
 GGTATTTCCACATAGAAATAACAATGCATGTATTACCCAGAATTTAATGTTGCGTACCTT
 ATGTTCAATGAGTTTTTGAATTTTTTTAGGCTGATGATTAATAATCTTTCTCTCTAAAA
 AAA
 AAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC028200 unedited
 NGTCAGAAATTTGTATACGACTCATATAGGGCGGCCGCGATTANATCTGGTACCGGTCCG
 GAATTTCCCGGATCTCAAAGGCAGCTGCAAAGAAAGCTGTGGTCTTGAGTGCCAGAGTT
 CACCCTGGAGAAAAGTAATGGCTCCTGGGTTATGAAAGGCTTTTTGGACTTCATCCTTAGC
 AACTCCCCAGATGCCAGCTCCTCAGAGATATTTTTGTCTTCAAGGTGCTTCCCATGTTA
 AATCCAGATGGTGTGATTGTGGGAATTATCGGTGTTCTTGGCCGGAAGGGATTGAAC
 AGGCATTATAAAACCATCTGAAGGAGTCTTCCCTTGATTTGGTACACCAGGAACATG
 ATCAAAAGTTCTTTTACAGTTGTAATTTAAGGTCCAAAAATGCAAAGAAGGAACAG
 GACGAGTTGTTATGTGGCGGATGGGAATCCTAAACAGCTACACCATGGAGTCTACCTTTG
 GCGGGTCCACCCTGGGTAATAAAAAGAGACACCCACTTTACCATCGAAGATCTGAAGTCT
 TAGGTTATCATGTCTGTGACACCCTTCTGGACTTTTGTGATCCTGACCAAATTAAGTTCA
 CTCAGTGTCTAGCAGAGCTTAAGGAGCTTCTACGACAGGAAATCCACAAGAAATCCATG
 AACTTGGANCAGATGTAGATTTAGAAGGAAGTTGGAGTGACATCTTTTGTCTGACATTG
 AATCCAGCACCAGTGGCTCTGACAGTTCTCTCAGATGTCTTCTGTTACCTACAACA
 TAGCAGATGAGCTGACTCAGAAAAAGAAGTTTANGAAGAANAAGAAAGTCACTTTTCG
 ACTANGNAAACAGCGAATGAGCAGTATCAGAAAAAAATTTGATGCAGAAGTTAAAGTTA
 ACAGGAGATACCTCAGAAAAGGCCAGATTGGA

Restriction Sites:	Please inquire
ACCN:	BC028200
Insert Size:	1869 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:	BC028200.1 , AAH28200.1
RefSeq Size:	1869 bp
Locus ID:	79841
Cytogenetics:	11p11.2
Protein Families:	Druggable Genome
Gene Summary:	Metalloprotease that mediates deglutamylation 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 from the carboxy-terminus of target proteins such as MYLK. Does not show dephosphorylation or deglycosylase activities from the carboxy-terminus of tubulin.[UniProtKB/Swiss-Prot Function]