

## Product datasheet for SC115633

### GABARAP (NM\_007278) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GABARAP (NM_007278) Human Untagged Clone
Tag:	Tag Free
Symbol:	GABARAP
Synonyms:	ATG8A; GABARAP-a; MM46
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115633 sequence for NM_007278 edited (data generated by NextGen Sequencing)

```
ATGAAGTTCGTGTACAAAGAAGAGCATCCGTTTCGAGAAGCGCCGCTCTGAGGGCGAGAAG
ATCCGAAAGAAATACCCGACCCGGGTGCGGTGATAGTAGAAAAGGCTCCCAAAGCTCGG
ATAGGAGACCTGGACAAAAAGAAATACCTGGTGCCTTCTGATCTCACAGTTGGTCAGTTC
TACTTCTTGATCCGGAAGCGAATTCATCTCCGAGCTGAGGATGCCTTGTTTTCTTTGTC
AACAAATGTCATTCCACCCACCCAGTGCCACAATGGGTCAGCTGTACCAGGAACACCATGAA
GAAGACTTCTTTCTACATTGCCTACAGTGACGAAAGTGTCTACGGTCTGTGA
```

Clone variation with respect to NM\_007278.1

5' Read Nucleotide Sequence: >OriGene 5' read for NM\_007278 unedited

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GCACGAGGGCCCAGCCCTGTCCAGCCCGGTTCCCGGGAGGATGAAGTTCGTGTACAAAGA
AGAGCATCCGTTTCGAGAAGCGCCGCTCTGAGGGCGAGAAGATCCGAAAGAAATACCCGGA
CCGGGTGCCGGTATAGTAGAAAAGGCTCCCAAAGCTCGGATAGGAGACCTGGACAAAA
GAAATACCTGGTGCCTTCTGATCTCACAGTTGGTCAGTTCTACTTCTTGATCCGGAAGCG
AATTCATCTCCGAGCTGAGGATGCCTTGTTTTCTTTGTCAACAATGTCATTCCACCCAC
CAGTGCCACAATGGGTCAGCTGTACCAGGAACACCATGAAGAAGACTTCTTTCTCTACAT
TGCTTACAGTGACGAAAGTGTCTACGGTCTGTGAAGCTGCTGCCCTGAGCTGGAGGGGG
GTCTATTCTACAAAGAGAGAGGTGGCCCCCTTTCTTGACCTCCTCCTCTCAAGCTC
AAACACCACCTCCCTTATTANGACCGGCACTTCTTAATGTTTGTGGCTNTCTCTCCAGC
CTCTCTTANGAGGGGTAATGGTGGGAGTGGCATCTTGTAAGTCTCCTTTCTCCTTTCT
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**Protein Pathways:** Regulation of autophagy

**Gene Summary:** Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton. [provided by RefSeq, Jul 2008]