

Product datasheet for **SC211595**

alpha Glucosidase II (GANAB) (NM_198335) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: alpha Glucosidase II (GANAB) (NM_198335) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GANAB
Synonyms: G2AN; GIIA; GLUII; PKD3
ACCN: NM_198335
Insert Size: 1016 bp
Insert Sequence: >SC211595 3'UTR clone of NM_198335
The sequence shown below is from the reference sequence of NM_198335. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCATCTGATTGGAGTATTCACCTGCGATTAACCCAAAGGGATGTTCTGGGTTAGGGGGAGGGAAGGGGAGC
ATTAGTGCTGAGAGATATCTTTCTTCTGCTTGGAGTTGCGCCCTCCCAGACTTCACTTATGCTAGT
CTAAGACCCAGATTCTGCCAACATTTGGCAGGATGAGAGGGCTGACCCTGGGCTCCAAATTCCTCTTG
TGATCTCCTCACCTCTCCCACTCCATTGATACCAACTCTTCCCTTCATTCCCCAACATCCTGTTGCT
CTAACTGGAGCACATTCACTTACGAACACCAGGAAACCACAGGGCCCTTGTGCCCCCTTCTCTTCCCT
TATTTAGGAGCCCTGAACCTCCCCAGAGTCTATCCATTATGCCTCTTGTATGTTGATGCCACTTCTTG
GAAGAAGATGAGGGCAATGAGTTAGGGCTCCTTTCCCTTCCCTCCCACCAGATTGCTCTCCACCTT
TCATTTCTTCTCCAGGCTTTACTCCCCTTTTATGCCCCACCGATACACTGGGACCACCCTTACCCC
GGACAGGATGAATGGATCAAAGGAGTGAGGTTGCTAAAGAACATCCTTTCCCTCTATTCTACCCTTT
TCCTCTCCCCGATTCTTGTAGAGCTGCTGCAATTCTTAGAGGGGCGATTCTACCTCTCTGTCCCTCG
GCAGAAAGACGTTTCCACACCTCTTAGGGGATGCGCATTAAACTTCTTTGCCCCCTTCTGTCCCCCTT
TGAGGGGCACTTAAGATGGAGAAATCAGTTGTGGTTTCAGTGAATCATGGTCACCTGATTTATTGCTA
GGAGAAGCCTGAGGGTGGGGGAGATGATCATGTGTGCTCGGGGTTGGCTGGAAGCCCTGGGTGGGGGG
TTGGGGGAGGACTAATGGGGAGTCGGGGAATATTTGTGGGATTTTTTTTACTTCTCTTGGTCCCCAG
CTGTGACACGTTTTGATCAAAGGAGAAACAATAAAGGGATAAACCATAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_198335.4
Summary:	This gene encodes the alpha subunit of glucosidase II and a member of the glycosyl hydrolase 31 family of proteins. The heterodimeric enzyme glucosidase II plays a role in protein folding and quality control by cleaving glucose residues from immature glycoproteins in the endoplasmic reticulum. Expression of the encoded protein is elevated in lung tumor tissue and in response to UV irradiation. Mutations in this gene cause autosomal-dominant polycystic kidney and liver disease. [provided by RefSeq, Jul 2016]
Locus ID:	23193
MW:	37.6