

Product datasheet for **SC336666**

Glucosidase 2 subunit beta (PRKCSH) (NM_001289103) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glucosidase 2 subunit beta (PRKCSH) (NM_001289103) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRKCSH
Synonyms:	AGE-R2; G19P1; GIIB; PCLD; PCLD1; PKCSH; PLD1; VASAP-60
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC336666 representing NM_001289103.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

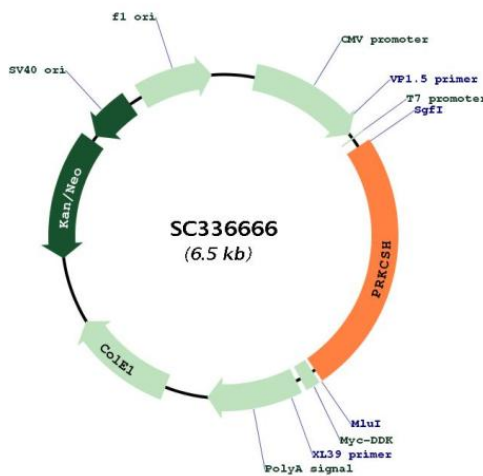
```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGTTGCCGCTGCTGCTGCTACCATGTGCTGGGCCGTGGAGGTCAAGAGGCCCGGGGGCGTC
TCCCTACCAATCATCACTTCTACGATGAGTCCAAGCCTTTCACCTGCCTGGACGGTTCGGCCACCATC
CCATTTGATCAGGTCAACGATGACTATTGCGACTGCAAAGATGGCTCTGACGAGCCAGGCACGGCTGCC
TGTCTAATGGCAGCTTCCACTGCACCAACTGGCTATAAGCCCTGTATATCCCTCCAACCGGGTC
AACGATGGTGTGGTGTGACTGCTGCGATGGAACAGACGAGTACAACAGCGCGTCACTGTGAGAACC
TGCAAAGAGAAGGGCCGTAAAGGAGAGAGTCCCTGCAGCAGATGGCCGAGGTCAACCGGAAGGGTTC
CGTCTGAAGAAGATCCTTATTGAGGACTGGAAGAAGGCACGGGAGGAGAAGCAGAAAAAGCTCATTGAG
CTACAGGCTGGGAAGAAGTCTCTGGAAGACCAGGTGGAGATGCTGCGACAGTGAAGGAGGAAGCTGAG
AAGCCAGAGAGAGAGGCCAAAGAGCAGCACCAGAAGCTGTGGGAAGAGCAGCTGGCTGCTCCAAGGCC
CAACAGGAGCAGGAGCTGGCGGTGATGCCTTCAAGGAGCTGGATGATGACATGGACGGGACGGTCTCG
GTGACTGAGCTGCAGACTCACCCGAGCTGGACACAGATGGGGATGGGGGTTGTGAGAAGCGGAAGCT
CAGGCCCTCCTCAGTGGGGACACACAGACAGACGCCACCTCTTTCTACGACCGCTGTGGCCGCCATC
AGGGACAAGTACCGGTCCGAGGCACTGCCACCGACCTTCCAGCACCTTCTGCCCTGACTTGACGGAG
CCCAAGGAGGAGCAGCCGCCAGTGCCTCGTCCGCCACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG
GAAGAAGAGGCTGAAGAAGAGGAGGAGGAGGAGGATTCCGAGGTGCAGGGGGAGCAGCCCAAGGAGGCC
CCACCGCCACTGTACCCCCGACGCCGCCAGCCCTGCTGAGGAAGACAAAATGCCGCCCTACGACGAG
CAGACGCAGGCCCTTCATCGATGCTGCCAGGAGGCCCAACAAGTTCGAGGAGGCCGAGCGGTGCTG
AAGGACATGGAGGAGTCCATCAGGAACCTGGAGCAAGAGATTTCTTTTGTGCTTTGGCCCCAACGGGGAG
TTTGCTTACCTGTACAGCCAGTGTACGAGCTCACCAACGAATACGTCTACCGCCTCTGCCCTTC
AAGCTTGTCTCGAGAAACCCAACTCGGGGGCTCTCCACAGCCTTGGCACCTGGGGCTCATGGATT
GGCCCCGACCACGACAAGTTCAGTGCCATGAAGTATGAGCAAGGCACGGGCTGCTGGCAGGGCCCCAAC
CGCTCCACCACCGTGGCCTCCTGTGCGGGAAAGAGACCATGGTGACCAGCACCAGAGCCAGTCGC
TGCGAGTACCTCATGGAGCTGATGACGCCAGCCGCTGCCCGGAGCCACCGCTGAAGCACCACCAGAA
GACGACCATGACGAGCTCTAG
ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

Restriction Sites:

Sgfl-Mlul

Plasmid Map:



ACCN:	NM_001289103
Insert Size:	1608 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:	<u>NM_001289103.1</u>
RefSeq Size:	2492 bp
RefSeq ORF:	1608 bp
Locus ID:	5589
Cytogenetics:	19p13.2
Protein Families:	Druggable Genome
MW:	60.2 kDa
Gene Summary:	<p>This gene encodes the beta-subunit of glucosidase II, an N-linked glycan-processing enzyme in the endoplasmic reticulum. The encoded protein is an acidic phosphoprotein known to be a substrate for protein kinase C. Mutations in this gene have been associated with the autosomal dominant polycystic liver disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]</p> <p>Transcript Variant: This variant (4) differs in its 5' UTR, and uses an alternate in-frame splice site in the central coding region, compared to variant 1. The encoded isoform (3) is longer, compared to isoform 1. Both variants 4 and 5 encode the same isoform.</p>