

Product datasheet for **SC123807**

CHID1 (BC000001) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CHID1 (BC000001) Human Untagged Clone
Tag:	Tag Free
Symbol:	CHID1
Synonyms:	chitinase domain containing 1; FLJ42707; GL008; MGC3234; SI-CLP; stabilin-1 interacting chitinase-like protein
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 BC000001 edited
 CCGGCCTCCCTGACATGCAGATTTCCACCCAGAAGACAGAGAAGGAGCCAGTGGTCATGG
 AATGGGCTGGGGTCAAAGACTGGGTGCCTGGGAGCTGAGGCAGCCACCGTTTCAGCCTGG
 CCAGCCCTCTGGACCCCGAGGTTGGACCCTACTGTGACACACCTACCATGCGGACACTCT
 TCAACCTCCTCTGGCTTGCCTGGCCTGCAGCCCTGTTCACTACCCTGTCAAAGTCAG
 ATGCCAAAAAGCCGCCTCAAAGACGCTGCTGGAGAAGAGTCAGTTTTAGATAAGCCGG
 TGCAAGACCGGGTTTGGTGGTGACGGACCTCAAAGCTGAGAGTGTGGTTCTTGAGCATC
 GCAGTACTGCTCGGCAAAGGCCCGGGACAGACACTTTGCTGGGATGTACTGGGCTATG
 TCACTCCATGGAACAGCCATGGCTACGATGTACCAAGGTCTTTGGGAGCAAGTTCACAC
 AGATCTCACCCGTCTGGCTGCAGCTGAAGAGACGTGGCCGTGAGATGTTTGAGGTCACGG
 GCCTCCACGACGTGGACCAAGGGTGGATGCGAGCTGTCAGGAAGCATGCCAAGGGCTGC
 ACATAGTGCCTCGGCTCCTGTTGAGGACTGGACTTACGATGATTTCCGGAACGTCTTAG
 ACAGTGAGGATGAGATAGAGGAGCTGAGCAAGACCGTGGTCCAGGTGGCAAAGAACCAGC
 ATTTGATGGCTTCGTGGTGGAGGTCTGGAACCAGCTGCTAAGCCAGAAGCGCTGGGCC
 TCATCCACATGCTCACCCACTTGGCCGAGGCTCTGCACCAGGCCCGGCTGCTGGCCCTCC
 TGGTCATCCCGCTGCCATCACCCCGGACCGACCAGCTGGGCATGTTACGCACAAGG
 AGTTTGAGCAGCTGGCCCCGTGCTGGATGGTTTCAGCCTCATGACCTACGACTACTCTA
 CAGCGCATCAGCCTGGCCCTAATGCACCCTGTCTGGGTTGAGCCTGCGTCCAGGTCC
 TGGACCCGAAGTCCAAGTGGCGAAGCAAATCCTCCTGGGGCTCAACTTCTATGGTATGG
 ACTACGCGACCTCCAAGGATGCCCGTGAAGCCTGTTGTGCGGGCCAGGTACATCCAGACAC
 TGAAGGACCACAGGCCCGGATGGTGTGGGACAGCCAGGCCTCAGAGCACTTCTTCGAGT
 ACAAGAAGAGCCGAGTGGGAGGCACGTCGTCTTACCCAACCTGAAGTCCCTGCAGG
 TGCCGGCTGGAGCTGGCCCGGAGCTGGGCGTTGGGGTCTCTATCTGGGAGCTGGGCCAGG
 GCCTGGACTACTTCTACGACCTGCTCTAGGTGGCATTGCGGCCCTCCGCGGTGGAGGTG
 TCTTTTCTAAGCCATGGAGTGAAGTGAAGAGGTGTGAAATACAGGCCTCCACTCCGTTTGC
 TGTGAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC000001 unedited
 NCACTATTNAGGGCGCCGCGAATTCGCACGAGGCCGGCCCTCCCTNGACATGCAGATTTCC
 CACCCANAAGACAGAGAAGGAGCCAGTGGTCATGGAATGGGCTGGGGTCAAAGACTGGGT
 GCCTGGGAGCTGAGGCAGCCACCGTTTCAGCCTGGCCAGCCCTCTGGACCCGAGGTTGG
 ACCCTACTGTGACACACCTACCATGCGGACACTTTCAACCTCCTCTGGCTTGCCTGGC
 CTGCAGCCCTGTTCACTACCCTGTCAAAGTCAGATGCCAAAAAGCCGCCTCAAAGAC
 GCTGCTGGAGAAGAGTCAGTTTTAGATAAGCCGGTGCAAGACCGGGTTTGGTGGTGAC
 GGACCTCAAAGCTGAGAGTGTGGTTATTGAGCATCGCAGTACTGCTCGGCAAAGCCCCG
 GGACAGACTTTGCTGGGATGTACTGGGCTATGCTACTCCATGGAACAGCCATGGCTA
 CGATGTCACCAAGGTCTTTGGGAGCAAGTTCACACAGATCTACCCGTCTGGCTGCAGCT
 GAAGAGACGTGGCCGTGAGATGTTTGAGGTCACGGCCCTCCACGACGTGGACCAAGGGT
 GATGCGAGCTGTAGGAAGCATGCCAAGGCCTGCACATAGTGCCTCGGCTCCTGTTTGA
 GGACTGGACTTACGATGATTTTCCGGAACGTCTTAGAACTGTGAGATGAGATAGAGGAGC
 TGAGCAAGACCGTGGTCCAGGTGGCAAAGAACCAGCATTTGATGGCTTCTTGGTGGAAAG
 TCTGGAACCAGCTGTAACCCAAACGCGTGGGCTCATCCCATGCTCACCCCTTGGCC
 GAGGCTCTGCACAGGCCCGTTGCT

Restriction Sites: Please inquire

ACCN: BC000001

Insert Size: 1509 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:	BC000001.2 , AAH00001.1
RefSeq Size:	1500 bp
Locus ID:	66005
Cytogenetics:	11p15.5
Gene Summary:	Saccharide- and LPS-binding protein with possible roles in pathogen sensing and endotoxin neutralization. Ligand-binding specificity relates to the length of the oligosaccharides, with preference for chitotetraose (in vitro).[UniProtKB/Swiss-Prot Function]