

Product datasheet for **RG207357**

GLCCII (NM_138426) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	GLCCII
Synonyms:	FAM117C; GCTR; GIG18; TSSN1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG207357 representing NM_138426
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCACTGCCTCCTCTCTCTCTCTCTCCAGTTCTCTCAGACCCCTCATCCCCTGCGACAGAGATGA
GGCGCAGCGCGCGGGGTCCCCGCCGCCGTGCGCGCCGCCGGAGCGGGAACGGTGC GGCGCGCGCGCG
CGGCGTGGGCTGCGCCCGGCTGCGGGAGCCGCCGGCTGCTGCAGCCATCCGCGCCACGGTGCCCTAC
CAGCTCTTGCGGGGACGCCAGCACAGTCCACGCGTCCGCCGTGCGCGCTGCCGCCGCTCTCGTGGCA
GCCTCCCGGGGCCCGGCGCGGCCCGCGGCCACGCCGTCCAGCCGACGCCGCCGGCGGCCGACGCC
GGCCGAGCAGCGCGCGGGGCCAAGGGCGTCCGAGACGGTCCCAGAGAGCCACCGGAGGAGCAGCTCA
CCTGAGAGACGGAGCCCGGCTCGCCGTGTCGAGAGCGGACAAGGAAAATCTCAGCAAGTTCGGACCT
CTAGTACAATAAGGCCGAACCTCTCTTTGGATACAATAACAGGACCTTACCTCAGAGAGAGTGGCCACG
GGATCCTCATGTTCTACTACCTTTCATGCATGAAAGACAAGCTACTCAGACACCTAGCTGTTGGGCAGA
GAGGGTGCAGAAAAGAGGTACATCAGCGTTCTGCGTCATGGGGGAGTGCTGATCACTAAAAGAGCAGA
TCGCCAACTGAGGCAGCAACTACAACGCAGTAAACAGAGTAGTCGTACAGTAAGGAGAAAAGATCGCCA
GTCACTCTTCATGCAACCATATAACAATCAGTCACACTCAGGCTACTGGATCAAGGTCAAGTTCCTATG
CCACTGTCAAATATATCAGTGCCAAAATCATCTGTTTCGCGTGTGCCCTGCAATGTAGAAGGAATAAGTC
CTGAATTAGAAAGGATATTCATTAAGAAAAATATGGAAGGAAGAAGTATCCAAGCCGTTGGACATACC
AGATGGTCAAGAGCTCAGCTCTCTGCTATTACCGGACAGTAGTACTCGCAGCTTGACATCAGACT
CCTTCTGTGTCAGGAGCGCAGAGTGTGTCAGCAGTATTACAGCTGTGCTCTCCCTTTTGTCCCCGG
AATCCCAGGATGGTAGCCCTTGCTCAACAGAAGATTTGCTCTATGATCGTGATAAAGACAGTGGGAGTAG
CTCACCGTTACCCAAGTATGCTTCACTCTCCAAACCAACAACAGCTACATGTTCAAACGGGAGCCCCCA
GAGGGATGTGAGCGAGTGAAGGTCTTTGAGGAAATGGCGTCTCGTCAGCCTATCTCGGCCCTCTCTTTT
CATGTCCTGACAAAAACAAGTTAATTTATCCCAACCGGATCAGCTTCTGTCTGTGATAAACTTCTAGG
CCCCCTCTTACCTGCTTCTGACCTTATGCTCAAGAACTCTCCTAACTCTGGCCAGAGCTCAGCTTTGGCA
ACTCTGACCGTTGAGCAGCTCTCATCCCGGTTTCTTTACGTCTCTTTCTGATGACACCAGCACAGCGG
GCTCATGGAGGCTCTGTCCAGCAGCTCCGAGCAGCAGCTCCTGCAGGAAGTGCAGGGTGAGGA
CCACATCTCGCTCAGAACTATGTCATC

AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

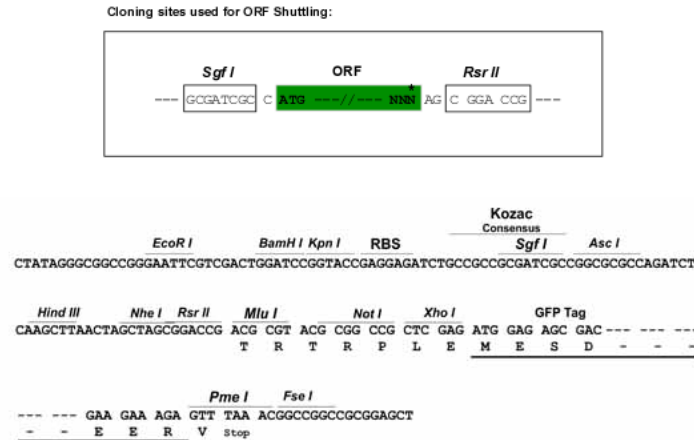
Protein Sequence: >RG207357 representing NM_138426
Red=Cloning site Green=Tags(s)

MSTASSSSSSSSSQTPHPSPQRMRRSAAGSPPAVAAAGSGNGAGGGGGVGCAPAAAGRLLQPIRATVPY
QLLRGSQHSPTRRPVAAAAASLGSLPGGAARGPSPSPTPPAAAAAEQAPRAKGRPRRSPESHRRSS
PERRSPGSPVCRADKAKSQQVRTSSTIRRTSSLDITITGPYLTGQWPRDPHVHYVPSCKMDKATQTPSCWAE
EGAERKSHQRSASWGSADQLKEQIAKLRLQQLQRSKQSSRHSKEKDRQSPHLGNHITISHTQATGSRSPVM
PLSNI SVPKSSVSVRPCNVEGISPELEKVF IKENNGKEEVSKPLDIPDGRRAPLPAHYRSSSTRSIDTQT
PSVQERSSSSSSHSRQPCVSPFCPPESQDGSPCSTIEDLLYDRDKDGSSSSLPKYASDLPKPNNSYMFKEPP
EGCERVKFVEEMASQPIASPLFSCPDKNKVNFIPTGSAFCPVKLLGPLLPAADMLKNPNNSGQSSALA
TLTYEOLSSRVFSTLSDDTSTAGSMEA SVQOP SOOQOOL OEL OGEDHTSAQNYVII

SGP^{TR}RRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_138426

ORF Size: 1641 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_138426.1](#)

RefSeq Size: 4762 bp

RefSeq ORF: 1644 bp

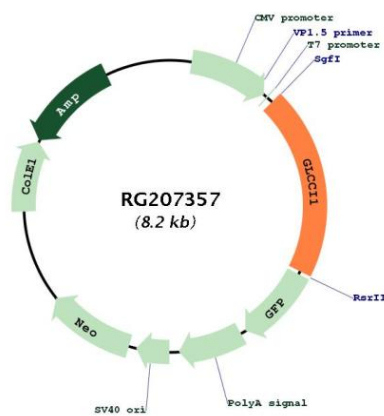
Locus ID: 113263

UniProt ID: [Q86VQ1](#)

Cytogenetics: 7p21.3

Gene Summary: This gene encodes a protein of unknown function. Expression of this gene is induced by glucocorticoids and may be an early marker for glucocorticoid-induced apoptosis. Single nucleotide polymorphisms in this gene are associated with a decreased response to inhaled glucocorticoids in asthmatic patients. [provided by RefSeq, Feb 2012]

Product images:



Circular map for RG207357