OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC220055

Ghr (NM_010284) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ghr (NM_010284) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ghr
Synonyms:	GHBP; GHR/BP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>MC220055 representing NM_010284
Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATCTTTGTCAGGTCTTCTTAACCTTGGCACTGGCAGTCACCAGCAGCACATTTTCTGGAAGTGAGG
CTACACCAGCTACTCTTGGCAAAGCTTCCCCAGTTCTGCAAAGAATCAATCCAAGCCTGGGGACAAGTTC
TTCTGGGAAGCCTCGATTCACCAAGTGTCGTTCCCCTGAACTGGAGACATTTTCATGCTACTGGACAGAA
GGAGATAATCCTGATTTAAAGACCCCAGGATCTATTCAGCTGTACTATGCTAAAAGGGAAAGCCAACGAC
AAGCTGCAAGAATTGCTCATGAATGGACCCAGGAATGGAAAGAATGCCCTGATTATGTCTCTGCTGGAAA
AAACAGCTGTTACTTCAACTCATCATATACCTCCATTTGGATACCCTACTGCATCAAGCTAACTACAAAT
GGTGATTTGCTGGACCAAAAATGTTTCACTGTTGACGAAATAGTGCAACCTGATCCACCCATTGGCCTCA
ACTGGACTTTACTAAACATTAGTTTGACCGGGATTCGTGGAGACATCCAAGTGAGTTGGCAACCACCACC
CAATGCAGATGTTCTGAAGGGATGGATAATTCTGGAGTATGAAATTCAGTACAAAGAAGTAAATGAATCA
AAATGGAAAGTGATGGGCCCTATATGGTTAACATACTGTCCAGTGTACTCATTGAGAATGGATAAAGAAC
ATGAAGTGCGGGTGAGATCCAGACAACGGAGCTTTGAAAAGTACAGCGAGTTCAGCGAAGTCCTCCGTGT
AATATTTCCTCAGACGAACATATTGGAAGCATGTGAAGAAGATATCCAGTTTCCATGGTTCTTAATTATT
ATCTTTGGAATATTTGGAGTAGCAGTGATGCTATTTGTAGTTATATTTTCAAAGCAGCAAAGGATTAAGA
TGCTGATTTTACCCCCAGTCCCAGTTCCAAAGATTAAAGGGATTGATCCAGATCTTCTCAAGGAAGGGAA
GTTGGAGGAGGTGAACACCATCTTAGGCATTCATGATAACTACAAACCCGACTTCTACAATGATGATTCC
TGGGTCGAGTTCATTGAGCTAGATATTGATGAAGCAGATGTGGATGAGAAGACTGAAGGGTCTGACACAG
ACAGACTTCTAAGCAATGATCATGAGAAATCAGCTGGTATCCTTGGAGCAAAGGATGATGATTCTGGGCG
TACCAGCTGTTACGACCCTGACATTTTGGATACTGATTTCCATACCAGTGACATGTGTGATGGTACCTTG
AAGTTTGCTCAGTCACAGAAGTTAAATATGGAAGCTGATCTCTTGTGCCTTGATCAGAAGAATCTGAAGA
ACTTGCCTTATGATGCTTCCCTTGGCTCTCTGCATCCCTCCATTACCCAGACAGTAGAAGAAAACAAGCC
ACAGCCACTTTTGAGCAGCGAAACTGAGGCAACCCACCAACTCGCCTCTACACCGATGAGTAATCCCACA
TCACTGGCAAACATTGACTTTTATGCCCAAGTAAGCGACATTACACCAGCAGGTGGTGTAGTCCTTTCCC
CAGGCCAAAAGATTAAGGCAGGGATAGCCCAAGGCAATACCCAGCGGGAGGTGGCCACGCCCTGCCAAGA
AAATTACAGCATGAACAGTGCCTACTTTTGTGAGTCAGATGCCAAAAAATGCATCGCTGTGGCCCCTCGC
ATGGAAGCCACGTCTTGTATAAAACCAAGCTTTAACCAAGAGGACATTTACATCACCACAGAAAGCCTTA
CCACTACTGCCCAGATGTCTGAGACAGCAGATATTGCTCCAGATGCTGAGATGTCTGTCCCAGACTACAC
CACGGTTCACACCGTGCAGTCTCCAAGGGGCCTTATACTCAACGCAACTGCTTTGCCTTTGCCTGACAAA
AAGAATTTTCCCTCCTCGTGTGGTTATGTGAGCACAGACCAACTGAACAAAATCATGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010284

Insert Size: 1953 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:	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:	BC075720, AAH75720
RefSeq Size:	4180 bp
RefSeq ORF:	1953 bp
Locus ID:	14600
UniProt ID:	P16882
Cytogenetics:	15 1.84 cM
Gene Summary:	Receptor for pituitary gland growth hormone involved in regulating postnatal body growth. On ligand binding, couples to, and activates the JAK2/STAT5 pathway (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Both variants 1 and 4 encode the same isoform. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.