

Product datasheet for RC216358

GHRH (NM_021081) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: GHRH (NM_021081) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: GHRH
Synonyms: GHRF; GRF; INN
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC216358 representing NM_021081
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCACTCTGGGTGTTCTTCTTTGTGATCCTCACCTCAGCAACAGCTCCCACTGCTCCCCACCTCCCC
CTTTGACCCTCAGGATGCGGCGGTATGCAGATGCCATCTTACCAACAGCTACCGAAGGTGCTGGGCCA
GCTGTCCGCCGCAAGCTGCTCCAGGACATCATGAGCAGGCAGGAGAGCAACCAAGAGCGAGGA
GCAAGGGCACGGCTTGGTCGTAGGTAGACAGCATGTGGCAGAACAAAAGCAAATGGAATTGGAGAGCA
TCCTGGTGGCCCTGCTGCAGAAGCACAGCAGGAATCCCAGGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC216358 representing NM_021081
Red=Cloning site Green=Tags(s)
MPLWVFFVILTLSSSHCSPPPPLTLRMRRYADAIFTNSYRKVLGQLSARKLLQDIMSRQQGESNQERG
ARARLGRQVDSMWAEQKQMELESILVALLQKHSRNSQG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8010_e11.zip

Restriction Sites: SgfI-MluI

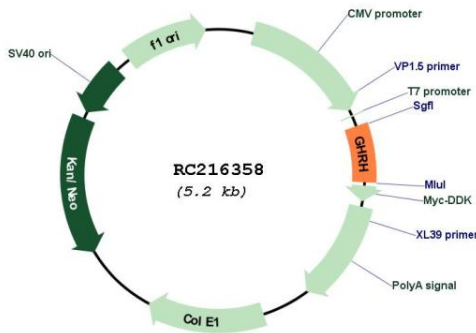


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UniProt ID: [P01286](#)
Cytogenetics: 20q11.23
Protein Families: Druggable Genome, Secreted Protein
MW: 10.1 kDa

Gene Summary: This gene encodes a member of the glucagon family of proteins. The encoded preproprotein is produced in the hypothalamus and cleaved to generate the mature factor, known as somatoliberin, which acts to stimulate growth hormone release from the pituitary gland. Variant receptors for somatoliberin have been found in several types of tumors, and antagonists of these receptors can inhibit the growth of the tumors. Defects in this gene are a cause of dwarfism, while hypersecretion of the encoded protein is a cause of gigantism. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016]

Product images:



Circular map for RC216358