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Product datasheet for SC201853

GnRH (GNRH1) (NM_001083111) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GnRH (GNRH1) (NM_001083111) Human 3' UTR Clone
Symbol:	GnRH
Synonyms:	GNRH; GRH; LHRH; LNRH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001083111
Insert Size:	191 bp
Insert Sequence:	>SC201853 3'UTR clone of NM_001083111 The sequence shown below is from the reference sequence of NM_001083111. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAAGAGGAAACTGGGCAGAAGAAGATTTAAATCCATTGGGCCAGAAGGAATGACCATTACTAACATGAC TTAAGTATAATTCTGACATTGAAAATTTATAACCCATTAAATACCTGTAAATGGTATGAATTTCAGAAA TCCTTACACCAAGTTGCACATATTCCATAATAAAGTGCTGTGTTGTGAATGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001083111.2

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Summary: This gene encodes a preproprotein that is proteolytically processed to generate a peptide that is a member of the gonadotropin-releasing hormone (GnRH) family of peptides. Alternative splicing results in multiple transcript variants, at least one of which is secreted and then cleaved to generate gonadoliberin-1 and GnRH-associated peptide 1. Gonadoliberin-1 stimulates the release of luteinizing and follicle stimulating hormones, which are important for reproduction. Mutations in this gene are associated with hypogonadotropic hypogonadism. [provided by RefSeq, Nov 2015]

Locus ID: 2796

MW: 7.6