

Product datasheet for RN210031

Pou1f1 (NM_013008) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou1f1 (NM_013008) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pou1f1
Synonyms:	GHF1; GHF1A; Pit1; PIT1Z
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210031 representing NM_013008 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTTGCCAACCTTTACCTCGGCTGATACCTTTATACCTCTGAATTCTGACGCTTCTGCTGCCCTGC
CTCTGAGAATGCACCACAATGCCGCTGAGGGTCTCCAGCCTCCAACCACGCCACCAACGTGATGCCAC
AGCGACAGGACTTCATTATTCTGTGCCTCCTGTCTATTGAAACCAGCCATCCACCTACGGAGTGATG
GCAGGCACCTTTAACCCCTTGTCTTTACAAGTTTCCAGACCACACCCTGAGTCATGGGTTTCTCCCTGC
ACCAACCTCTGTGGCGGAGGACCAACAGCCTCTGAATTTAAGCAGGAAGTCTGAGCGGAAAAGTAAATT
GGTGGAAGAGCCAATAGACATGGACTCCCCGAAATCCGAGAAGTGGAGCAGTTTGCCAACGAATTTAAA
GTGAGAAGAATTAAGTTAGGATACACCCAGACAAACGTGGGCGAAGCTCTGGCCGCTGTCCACGGCTCCG
AATTCAGTCAAACAACCATCTGCCGATTTGAAAACCTGACGCTCAGTTTCAAAAATGCTTGCAAACCTGAA
AGCAATTTTATCCAAGTGGCTGGAGGAAGCTGAGCAGGTCTGGAGCTTTGTACAATGAAAAAGTGGGAGCA
AACGAAAGGAAGAGGAAACGGAGGACAATATCAGTATCGCCGCTAAGGATGCTTTGGAGAGACACTTTG
GAGAGCACAGCAAACCTTCTTCGAGGAGATCATGCGGATGGCTGAAGAATTGAATCTCGAGAAAGAAGT
AGTAAGAGTGTGGTTTTGCAACCGAAGGCAGAGAGAAAAACGGGTGAAAACGAGTCTCAATCAAAGTCTG
TTCTCTATTTCAAAGGAGCATCTTGAGTGCAGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_013008
Insert Size:	876 bp



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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:	<u>NM_013008.3</u> , <u>NP_037140.2</u>
RefSeq Size:	2545 bp
RefSeq ORF:	876 bp
Locus ID:	25517
Cytogenetics:	11p12
Gene Summary:	pituitary-specific transcription factor that activates expression of the GH and PRL genes [RGD, Feb 2006]