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Product datasheet for RN211796

RGD1305110 (NM_001100971) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1305110 (NM_001100971) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1305110
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>RN211796 representing NM_001100971
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGTCGTGGGTGTCCAGAAAACAATAATTTCCTGACTAATAATAACCAAATGGTATTGGATATGATCC
TTTATCCATTGATTGGAATCCCTCAGACCATCAACTGGGAAACTGTGGCAAGGCTTGTGCCTGGATTAAC
ACCCAAAGAGTGTGTGAAAAGATTTGATGAGCTGAAGAGCTGTGGAAGTTCACCTGTTGACAACCAGTAT
AACCCTTTAATGGCTGCCGGAGAGGGTCCTGTTGAAACTTTAGCCACTTATATTAAATCTTCACTTTTGG
ATGCACAAGGAGATTTCCAAGAGACTCCAGTTGATCAAGATACAGTTTCTAAAGCAGGAAGACATAGTAT
AGCTACCACAAGGAATTGCTCTTCAGAAAGTGAGAACTGTACTGCTCGTAATGCTGGAGAAGAGACTGGA
GACTCTGAAGGGCCAAACATGGTGATCCATGTATGTGATGAAGCAAAAAGCTTGAAAGAAGATTTTATTT
GCCCACGAGATCTTTTGATATCAGAAATGAAGTACTTTGCTGAGTATTTATCTGTGGACGCCCAGCGCTG
GGAAGAGGTGGACATTTCAGTTCATTGCGATGTTCACATTTTCAACTGGCTGATAAAATATGTTAAAAGA
AACACTAAGGACAGTAAAGACTGTGAGCTTCCTGCTCTAGAGCCAGGAAATGTCATTTCAATCCTTATTT
CTTCAGAGTTCTTGAAGATGGATTCATTAGTTGAACAATGTATTCAGTATTGCCATAAAAATATGAATGC
CATAGTAGCTGCCCCATGCAACATGAACTGTATCAATGTCAACCTCCTTACACGCATAGCTGACCTGTTC
ACACACAACGAGATTGATGACTTAAAAGACAAAAAAGATAAGTTTAGGAGCAAACTGTTTTGTAAGAAGA
TTGAAAGACTGTTTGATCCTGAATACTTCAATCCAGATTCTCGAAATAATGCAGCAACACTCTATCGATG
CTGTTTGTGTAAGAAACTTTTAACTAGAGAAACAGAAAGAAGAATTTCTTGCATCCCTGGAAAAATCAAT
GTGGATCGACATGGAAATATTATCTACATCCACATAAGAGATAAAACCTGGGATGTCCATGAATATTTGA
ATAGTCTTTTTGAAGAATTAAAATCTTGGAGAGATGTTTATTGGCGTCTGTGGGGAACAATCAACTGGCT
GACTTGTTCAAGGTGTTACCAGGCTTTCCTCTGCATTGAATTCTCCCACTGTCAGTACCACTCAGAGGTG
GTCGTTTACTCCAGCGCAGTGAACTCACTGAACACTGTGGGCACTGGAATTTACCCCTGCTGTAACCAGA
AAGTTCTTCGATTTGATCCCACTCAGCTCACAAAGGGCTGTAAAGTGAGGGACCACATGGTTCTTCTTCA
TGACCAAGGGGAAAATGATGATTCACTTTCTTGTCCAACTGCTAAAATACTGGATGATCTGCATAAGCAC
AAAGATGTCATTGCTGTACCGTTTTTAAAAGATCCAGTTAGTGATCCTGGGGTTGGCTCCTGTGATGAGA
AGGGCCTGGAATATGAGATTTTACTGGAGCCAAATACACCGTGGGGCTCCAAAACTGGGGAGCTCAATGC
TTTTTTGTCACTGAAAAACTGGACTCTGCAGTTGAAACAGCAGTCGTTGTTCTCAGAGGAGGAAGAGTAC
ACCACCGGGTCTGAGGTCACTGAAGATGAAGTCGGTGATGAAGAAGAAATTTCCAAGAAACAAAGGAAAA
AGGAGAAGCCAAAGAAATTTACTAAGCCACCAAAAAAGCAACTGTCCTCACCCTGTTCTCAAAAGAAAGA
GAAGACACTGGAGAAGTCAACTTCTAGAGATGTATCTCCTTTTGTTGTGAGCATGCAGAAGAACAAGTGG
GACGCCACAAGATCCTTGAGATTCAACCAGGATGCACAGAGAGAGGACGATCAGCGGCGGATGTCTGAAA
TTACAGGGCATCTAATAAAAATGAGACTGGGTGATCTGGACCGAGTCAAGGCAAAGGAATCAAAAGAATT
TGCAGGAGGCATTTATTCTAGGCTTGAAGCCCAAGTCAAAGCCTCAGTGCCTGTCACTGCCCGGCAAAAC
AGCTCAGACAAAAACCAGAGCAATATCCCACAAAGACACTTATTCAACTATGTTCATAGCAACTTTATTC
GTAATAGCCAGAAACTGGAAACAAGTCAGATGTTCATCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100971

Insert Size: 2214 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:	NM_001100971.1, NP_001094441.1
RefSeq Size:	2480 bp
RefSeq ORF:	2214 bp
Locus ID:	305579
UniProt ID:	A1A5R8
Cytogenetics:	14q22