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Product datasheet for MC205250

Agrp (NM_007427) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agrp (NM_007427) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Agrp
Synonyms:	Ag; Agrt; Art
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC079902 CGGCCTGAAAGCTTTGTCCTCTGAAGCTGTATGCCCACCGGGGGAACAGTGTTTTCTGCTCCCTTGGTTT CCAGGAACCTTAGGGAGGCACCTCATGCCCTGGCTACAGGAAGCAGTCACGTGTGGACCCTTTATTAGGC ACTGCCATATAAGCTCAGGGCACAAGAGACCAGGACATCCCTAGGCAAAGATCAGCAAGCAAAGGCCATG CTGACTGCAATGTTGCTGAGTTGTGTTCTGCTGTTGGCACTGCCTCCCACACTGGGGGTCCAGATGGGCG TGGCTCCACTGAAGGGCATCAGAAGGCCTGACCAGGCTCTGTTCCCAGAGTTCCCAGGTCTAAGTCTGAA TGGCCTCAAGAAGACAACTGCAGACCGAGCAGAAGAAGTTCTGCTGCAGAAGGCAGAAGCTTTGGCGGAG GTGCTAGATCCACAGAACCGCGAGTCTCGTTCTCCGCGTCGCTGTGTAAGGCTGCACGAGTCCTGCTTGG GACAGCAGGTACCTTGCTGCGACCCGTGCGCTACGTGCTACTGCCGCTTCTTCAATGCCTTTTGCTACTG CCGCAAGCTGGGTACGGCCACGAACCTCTGTAGTCGCACCTAGCCAATGGATGTTGTTTGGGCAAAGGCA GGGGATGAGAATAAAGGATGGGACGGTTTAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	AscI-NotI
ACCN:	NM_007427
Insert Size:	396 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).

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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:	BC079902, AAH79902
RefSeq Size:	685 bp
RefSeq ORF:	396 bp
Locus ID:	11604
UniProt ID:	P56473
Cytogenetics:	8 D3
Gene Summary:	This gene encodes a protein that regulates feeding behavior and plays a key role in the control of body weight. The encoded protein acts as an antagonist of melanocortin receptor signaling. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Nov 2012] Transcript Variant: This variant (1) represents the shorter transcript. Both variants 1 and 2 encode the same protein.