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Product datasheet for MC202525

Arnt2 (NM_007488) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arnt2 (NM_007488) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arnt2
Synonyms:	bHLHe1; Hif-2b; mKIAA0307
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>BC054546 sequence for NM_007488
GGCGGCGCTGGCCCGCGCCGGGTCCCCGTCCCCGCCCCCGCCCCCGCCCGGCGCTCCGGTCCCTTCCCGG
CAAGATGGCAACCCCGGCCGCCGTCAACCCTCCGGAGATGGCGTCAGACATACCAGGATCTGTGGCCTTG
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TGAGCTCAGGAGTTCAAGACCTACCTGGGCAACATAATGAAACTAATCTTAAAGACAAATATATAGCTGA
GTAACTTGGCCACCTTTCATGTGGTGAGAAGTCACCAGCTCCCTGGCTGCCAGCTTCCTCCATTGCCTAG
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Restriction Sites:	AscI-NotI
ACCN:	NM_007488
Insert Size:	2139 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:	BC054546, AAH54546
RefSeq Size:	6006 bp
RefSeq ORF:	2139 bp
Locus ID:	11864
UniProt ID:	Q61324
Cytogenetics:	7 48.35 cM
Gene Summary:	Transcription factor that plays a role in the development of the hypothalamo-pituitary axis, postnatal brain growth, and visual and renal function. Specifically recognizes the xenobiotic response element (XRE).[UniProtKB/Swiss-Prot Function]

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