

Product datasheet for MC225384

Ankrd11 (NM_001081379) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd11 (NM_001081379) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd11
Synonyms:	2410104C19Rik; 3010027A04Rik; 6330578C09Rik; 9530048I21Rik; AA930108; Gm176; Yod
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225384 representing NM_001081379 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

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 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081379
Insert Size: 7932 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:	<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_001081379.2</u> , <u>NP_001074848.2</u>
RefSeq Size:	8719 bp
RefSeq ORF:	7932 bp
Locus ID:	77087
UniProt ID:	<u>E9Q4F7</u>
Cytogenetics:	8 E1
Gene Summary:	<p>Chromatin regulator which modulates histone acetylation and gene expression in neural precursor cells (PubMed:25556659). May recruit histone deacetylases (HDACs) to the p160 coactivators/nuclear receptor complex to inhibit ligand-dependent transactivation (By similarity). Has a role in proliferation and development of cortical neural precursors (PubMed:25556659). May also regulate bone homeostasis (PubMed:17986521). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the functional protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>