

Product datasheet for MC225287

Ankrd17 (NM_198010) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd17 (NM_198010) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd17
Synonyms:	4933425K22Rik; A130069E23Rik; A930008M01; AA407558; AA516750; AU040470; Foe; Gt; Gtar; Mask; mKIAA0697
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225287 representing NM_198010 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAAGGCGACGGTTCGGCGGCGGCTGAGGGAGAAGGGAGTCCCCGGCGGCGGGCAGTGGCGG
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GAGGTCAATGATGAAGTTATACTCCTTTGATGGAGGCAGCTCGTGAAGGACATGAAGAAATGGTGGCGT
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ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_198010
- Insert Size:** 7059 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_198010.2](#), [NP_932127.2](#)

RefSeq Size: 9313 bp

RefSeq ORF: 7059 bp

Locus ID: 81702

Cytogenetics: 5 E1

Gene Summary: This gene encodes a protein with ankyrin repeats, which are associated with protein-protein interactions. Studies suggest that this protein is involved in liver development. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.

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.