

Product datasheet for MC211867

Ankrd23 (NM_153502) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd23 (NM_153502) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ankrd23
Synonyms: 1110058D09Rik; 2310041C05Rik; AI853437; Darp; MARP3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC211867 representing NM_153502
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTTCATCAGCATTGAGCAGTTGGTAAGTGGAGAAAGAGTTGATAGGAAAGCGTTGGAGTTTGGAC
GTGGAGTTCCTGATCCTGGAGGCTGGCCTAGTGGCTGGACGCTGGGACCCCAAGAGGCTGTGGCCCGGA
GAACTAAAGTTGGAGGAAGAGAAAAGGAAGAACTGGAAAGATTTAACAGCTCCAGACTGACTCTGGAC
AATCTGACAGACTTGAAAACCTGGTTCAAAGACGAAGAAAAAACGACAGAGACACAAAGTCCCCCCA
GGGAACCTGAGTCTGGGCTGAGCCTCAGCCCCAGGTCCCACTGGAGCCCGTGGGCTGGAAATGTTCTCT
GAAGGCAGCTGCTGAGAACCAGGAGGCCCTGATTGACAAGTACCTGGCGGACGGAGGGGACCCCAATGCC
CATGACAAGCTCCACCGCACAGCCTTGCACTGGGCTGTCTGAAGGGCCACAGACAGCTGGTGAACAAGC
TGCTGGCGGCAGGAGCTGCTATAGAAGTACGGGATTTGCTGGACAGGACGCCCGTGTCTGGGCTGCCG
CGGAGGACACCTGGACATTCTCAAACGGCTGCTTAACCAGGGAGCTCAGGTCAACGCACAAGACAAGATC
TGGAGCACCCCTCTCCATGTGGCAGTGGCATGGGCCACTCCGACTGCCTAGAGCACCTTATCGAGTGTG
GCGCCACATCAACGCACAGGATAAGGAAGGGGACACAGCACTCCACGAGGCCGTGCGCTATGGGCCA
CAAAGCAACGAACTGCTGCTGCTCTATGGAGCCAAGCTGGGTGTGAAGAATGTGGCTTCCAGACACCA
GTGCAGTGGCTCGAGACTGGCAGCGGGGCATCCGGGACGCACTCCAGGCCACGTGGCCATCCCCGTA
CCCGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153502



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Insert Size:	921 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_153502.4</u> , <u>NP_705722.2</u>
RefSeq Size:	2319 bp
RefSeq ORF:	921 bp
Locus ID:	78321
UniProt ID:	<u>Q812A3</u>
Cytogenetics:	1 B
Gene Summary:	<p>May be involved in the energy metabolism. Could be a molecular link between myofibrillar stretch-induced signaling pathways and muscle gene expression.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>