

Product datasheet for **MC218715**

Ankrd13c (NM_001013806) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd13c (NM_001013806) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd13c
Synonyms:	AI505652; AU022220
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218715 representing NM_001013806
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCGGGGAGAAGATCCGCTCCCTGCGGAGGGACCACAAGCCAGCAAAGAGGACGGGGACGTGCTGG
 AGCCCTGCGAGGAGGAGCGACAGCCGCGCTCGGCGGCGCCTTACCAGGGGGCAGAAGCGGACCGGGCGG
 CAGCGGCAAGGGCGGCAAGGCCTGCCATAGATCTTCAGCCACCACCACGGCTGCACTGAAGGCGCC
 GCCGTTCCGGGCCCGCGGTTCCGGCCCCGCGCAGCACAACGCAGTGACTGCCACCTGCCTGCCCGG
 CCTGCCTGGGCGGAGCAACCCCGCTTGTAGTCGCTGACGGAGGCGGCTGCCCTCGCTCTACCCGGTCCA
 CGAGTGCCTTTAAGGGGGACGTGAGGAGACTGTCTCGCTCATCCGCACGCACAATATCGACAGAAA
 GATAATCATGGAAACACTCCTTTACATCTTGTGTGATGTTAGGAAATAAAGAATGCGCACATTTACTGT
 TGGCTCATAATGCTCCAGTAAAGGTGAAAAATGCTCAGGGATGGAGCCCTTTCGCGAAGCCATCAGCTA
 TGGAGACAGACAGATGATCACAGCTCTTCTAAGGAACTCAAGCAGCAATCTAGGGAGAGTGTGGAGAA
 AACGACCTAGGTTGTTAAAAGCCCTAAAAGAGTTAGGTGACTTTTACCTAGAACTTCACTGGGATTTTC
 AAAGCTGGGTGCCTTTGCTTTCCCGAATTCTGCCTTCTGATGCCTGTAATAATACAAGCAAGGTATCAA
 CATCAGGCTTGACACAACCTCTCATAGACTTTACTGACATGAAGTGCCAACGAGGGGATCTAAGCTTCATC
 TTCAATGGGGATGCTGCACCCCTCTGAGTCTTTGTAGTGTAGACAATGAACAAAAAGTTTATCAGCGAA
 TACACCATGAGGAGTCAGAGATGGAAACAGAAGAAGAAGTTGATATTTTAAATGAGCAGTGATATTTATTC
 TGCAACTTTATCAACCAATCCATTTCTTTCACACGTGCCCAACTGGATGGCTTTTTCGGAAGATAAA
 ACAGAAAGAGTAGGAACTTTTTGGCAGACTTTTATCTGGTGAATGGACTTGTCTAGAATCAAGGAAAA
 GGAGGGAGCACCTGAGTGAGGAGGACATCCGCGGAACAAGGCCATCATGGAGAGCCTGAGCAAAGGGGG
 GAGCCTGGCGGAGCAGAGCTTTGAGCCGTTAGAAAGACAGTCCCTTACCCTCCTCCTCAGAACAATATT
 ACGTGGGAAGAATACATATCCGCTGAAAATGGAAGGCACCACACTGGGCGAGAGAACTGGTGTGCAAAAG
 AGAGCAAGAAAACATTTAAAGCCACTGTAGCCATGAGCCAGGAATTTCCCTGGGAATTGAGTCATTGTT
 GAATGTTCTAGAAGTAATAGCACCTTCAAGCACTTTAACAAGCTTAGAGAATTCGTTCAAATGAAGCTT
 CCTCCAGGCTTTCCTGTAATAATAGATATACCCGTGTTTCCACAATCACAGCCACTGTGACTTTTCAGG
 AGTTCGATGTGATGAATTTGATGGATCCATCTTGTATCCCTGAAGACTACAAGGAAGACCCAAGTCG
 TTTTCTGACCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013806

Insert Size: 1626 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_001013806.1](#), [NP_001013828.1](#)

RefSeq Size: 2678 bp

RefSeq ORF: 1626 bp

Locus ID: 433667

UniProt ID: [Q3UX43](#)

Cytogenetics: 3 H4

Gene Summary: Acts as a molecular chaperone for G protein-coupled receptors, regulating their biogenesis and exit from the ER.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.