

Product datasheet for MC225145

Ankrd12 (NM_001025572) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd12 (NM_001025572) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd12
Synonyms:	2900001A12Rik; AI447928; ANCO-2; AV347965; GAC-1; mKIAA0874
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225145 representing NM_001025572 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCAAATCTGGGTTCAAAAACAGTTTCAGAGTGAAAATTCTGACAGTGACAGCAGTATGGTGGAGA
GGCCATATGGAAGAAAGAGTAAAGACAAGATTGCATCTTACAGCAAACTTCAAAATTGACCGAGGTGA
TATGGGCAAGGAAATGAGAGAGAAACCATCCATGAAACGAAAGCTGCCTTTACAGTCAGCCCATCGAGA
AATGAGGAGCGCGACTCAGACACAGATTACAGCCAGGACATACAAGTAAAAATTGGGGGAGAGACTTA
TATCTTCTTACAGGACATACTCAGAAAAAGAAGGTCCAGAGAAGAAGAAAACAAAAAAGAAGCTGGAAC
TAAGAAGTCCACCCAGTTAGCATTCTTTTGGTTATCCACTTTCTGAACGAAAGCAGATGGCACTCCTA
ATGCAGATGACAGCAAGGACAACAGCCAGATTCCACACCAAGTCATCCGTACAGGCAACGCCAGCCC
AGAAGAAAACGCCAGCTCTTCTCTCGACAGAAAGATAAAATTAATAAAAGAAATGAGCGTGGCGAAAC
TCCTTTACACATGGCCGCTATTCGAGGAGACGTGAAGCAAGTCAAAGAGTTAATTAGTTTAGGGGCAAAAC
GTCAATGTGAAGGACTTTGCAGTTGGACCCCTTTGCATGAAGCTTGCAATGTTGGCTATTACGATGTTG
CTAAGATACTGATAGCAGCTGGCGCAGACGTTAACACACAAGGACTGGATGATGACACCCGCTCCATGA
CTCTGCCAGCAGTGGCCATAGAGACATAGTGAAGTTGTTGCTTCGTCTGTCATGGCGGGAATCCATTCCAAGCT
AATAAACATGGAGAACGCCAGTGGATGTGGCAGAGACAGAGGAGTTGGAGTTGCTGCTAAAAAGAGAGG
TGCTTTTGTCTGGCGATGATGAAAGTTATACAGATTGAGAAGAGGCTCAGTCTGTAATCCTTCTAGTGT
TGATGAAATATTGACTCAGAGACAGAGAAAGACTCTTTCGTCTGTGGCAGTAAATCCTCCCAAGCAAA
GCCCCGCTGCCTTCTGCACTGGATGAGTATGAGTTCAAAGATGATGATGAAGAAGAGATAAGTAAGATGA
TTGACGACAGGCACATTCTAGGAAAGAACAGCGGAGAGAGAATGAATCTGAAGCAGAAAGGAGTGGTCT
GTTTGCAAAACAGGAGAAAACCTTCTATTCTAAGTCATTTAAACAAAAAACAGAACGCCGTCAAGGGTT
CTGTGCTCCAGTACTGAAAGCTCTGATGAAGAGGGTCTTCAGAACAGAAAGATTCTACTGCTTGTCTG
TTGCTGAATCATCACATCTGATATGCAAGCCAAAAAGAATATGAATACAAACAGAAAGGCAAGTTAA
AAGAAAATTAATAATCAGAATAAAACAAAGAGAACCAAGAGCTGAAACAAGAAAAAGAGGGGAAAGAA



[View online »](#)

AATAGCAGGATAGCAACCTTGACAGTTAACTACTGCGCTGGATTGTTTCAGAAAAATACAGAGAGGAGGGGA
 ACTTCAGGAAATCTTTTAGCCCAAAGGATGATACTTCATTACACTTATTTTCATATTTCCACTGGTAAATC
 TCCCAACATTCTGTGGATTAAGTGAAAAACAGACCACTGAAGCAAGAACACACGAAAGCATGCATA
 TCCCCAGGAAGTTCTGAAATGTCATTACAGCCTGATCTCACTCGGTATGATAATGCAGAACCTGAAAGTT
 CAAATGTCAAATCTTATAAGCACAAGGAAAAAACAACAGCAGAAAGATTTTCATAGAGTTTGGTGA
 AAAATCAAATGCCAAATTAAGATGAAGATCATAATCCAGCATTTGAAAACTCAGACTGCACACTGAAG
 AAGATGGATAAAGAGGGTAAAACATTAACAAAAACATAAATTAACATAAAGAGAAGGATAAAGAAAAAGC
 AAAAAAGGAAGTTGAAGGTGAAAAGGAAAAATATAAAAAATAAGACAATGCTAAAGAGCTACAGAGGAG
 CATCGAATTTGACAGAGAGTTTTGGAAAGAAAATTTTTTAAAGTGATGAAACTGAGGATCTCTTTTTA
 ACTATGGAACATGAGTCCATAATAGAAAAAAGACAAAAATGGAAAAAATGAAAGATGATAGGTCAG
 CTAAAGAAAAGCATGTCTCAAAAGAAAGGAACCTTAAGAAGAAGCGGAAAAGACTAAAAAGGAAAATGA
 AAAATCTCTTAGGAAGAAAAGTAAAAGATCCGAAAGAAGAAAAGACAGTGTATCCACAGAGAAGGAG
 GCCGAGTGCTGTTGCGTGGGTGTCAGTGTGAGCCAGGAAGCTGCAGGGCTGCATTATCAGAAAAGGAAA
 TGGATGCTGAGAAGCAAGAAAGACACAAAAAGAGAGGGAAAAGTCTGATCGGCGCTTTCAGACTAAGGA
 GAAAGAGCTTGACAGGAACGAGAGGAAAATTTCTGAAAAAGAAAAGAAGATAAACATGAACATAAGTCA
 GAAAGAGAGAAGCTGGATTTCACTGACTGCACTGACAGAGTGAGAGAGAAGGACAAGCTGTACTCACACC
 AGACAGAAAGGTGCCACAAGGACAGCGAGAAGCTGAAAAACACTGTCAGAAAGACTGATGACAGAGAGAG
 GAACAGAGAAAAGGCGGATAGAAAGCACGACAGAGAGAAACCTGAACGAGAGAGGTACTTAGCAGAAAAC
 AAAGAAAAGCACTTAGAGAAAAGAAAGCAATCTGACAGCAGTGAGTATTCAAATCAGAGAAGGTCAGAA
 CTAAAGACAGAGACAGGAAGGAGAGAAGAAGGAGAACTTAGAGATAAGAAAGTGTAATGTAACATAA
 CTTGAAACATTTGAGGAAGAGAGAAAGTCCAGTACAGGAGACAGCAGTGGTAAAACCCAGCATGAGAAA
 GCTCTGTCCCTTAAGAAAAGGCAAGAGATGAGCCTTTGAAAACTCCAGATGGAAAAGAGAAAGATAAAA
 AGGATATAGACAGATACAAAGAGCGAGACAAGCGTAAAGATAAAGCCAGCTAAATACTTTAATCAGACT
 AAAATCTGAAACAGAGAAGCTTAAACCTAAATTATCACCAGCATCAAAAGATACTCGACCTAAAGAAAAG
 AGGTTAGTAAATGATGATTTAATGCAGACAAGTTTTGAACGAATGCTTAGCCTTAAAGACCTAGAAATAG
 AACAGTGGCACAGAAAACATAAGGAAAAAATTAAGCAAAAGGAAAAAGAACGATTACGCAATCGTACTTG
 TTTAGAACTTAAAGTAAAAGATAAAGAAAAAACAACATGCACCCACAGAATCCAAAGTAAAGAACTT
 ACCAGGTCAAGAAGTTCAGAGTTGACTGATGTTTATAGCAAGGAGAAACAATCTAAAGATGTTGGCAGTA
 ATCGCTCACAACTCTGTTGACAACAGAAATGTATTGAATTTAGGAAAGCCATCTACATTTTCAGAGAGTGG
 CTCCAACCGTCTCCTAGGTGGAAGGTGAGAGGCTGGGTCTAGCTCTAGGTCTGTGTCCATGCTTTCT
 GTTGCTAGTTTCAAGACTCTTGCCATACAGTGACAACCCCAAGGCTCTCGTTGAGTATGACTCTGACT
 TTATGTTAGAGGGCTCGGAATCTCAGTTGTCAATTTCTCAGTCACCTTTTTTGCCAAATGCCAAATCTCC
 AGCTCTTTATGAAAGAGAGCTGGAGGGTCTCACTGAACTACCAGACCGACTTAAACCACCATATACAAAC
 AGACTTCCAGTGTGCCATCTCAGGTCACTTCTGTGGAAGATGTTAACTAATTACTAATGAGGTAAAGAC
 CTGCTGTAGAAATTAGAAGATGCAGTATGCCCTCAGTTATCTGTGAGCCCATAAACATTTCCAAGTATC
 AGAAGAAAGCAGTCAAGGCAACTTAGCTGTTCCAGAGAGACCTGTCTGTCTCCAAGCCTGAAGTGTCT
 TCAGCAGTACCTGAGAGGGGCTTTTCGCATGTGTCTGACTTACATCTAAGTGTACAGGCTCTCCAACGA
 GGTCTGCAAAACAGCAGCTATATTTATCTGATGTAATGTAATCAAGAGTGCAACTCTTGTGGGTACACT
 GATTGACAGTTTCGATGCATTTGGAACCGTCTAATCAGGTTGGAGTGATTCCAAGTAAATCATGGGAGAGC
 CCTGTTGATAAACTGGAGTCTTTAAGCACCAATGACTTCATCTGTCCAGATTCTAATATATCTGATCAAG
 ATTCTCTGCTCAGAGTTTTTATAATTCAGAAAAAATGTTAAGAGAACAAAATACTGACTGCTTACC
 TCCGACCAAGCCTGAACTGCCAGGAACTCATGTGCTCAGGACCCAGCATCCTTTCTGTCTTACACCTCAG
 CCCTGCTCTTTTCCAACCAACCACTGGCAGGTGCTGACTCTGTTCCGAAACCCGTGCTTTGTCTATG
 TTGTCAGTCAAGAGCCAGGTGTTTTACAACAGAAAAGTGCAGCTCAGATGGCCAGTTCTGTTTTAGATAG
 TGATAATAACTTTCCAGAGGATGTGAAAATACATTTGTCTTAGCAGACATTCAGAAGACAAATCTTTT
 TTACCAGCTTACTCTGAAAGCACTGTGCAAGAAGCACTCCAAGCTTTGAGAAGGCCAATACTTTGCTTG
 TGTTGCCATCAGAAAAGGACTTCAATGGGAGTGATACTGCTCAGCCAAACACACATTATGCATTTAGCAA
 ACTCACATACAAGTCTTCCAATAGCCAGGAAATTGAGAAGGGCCAGATGATACTCAAATCATTTACAT
 GAAAAGGAAAAACAATTAACAAGTTTGGTCTTAACCTCAGTTGAGTAAATGTGATTCTGATTGTATGAGA
 TGAATGCAGGGCTGCCAAAAGGAAACCTGAATGAACAGGATAACCCAAAGCATGGTCTTGACAGCGAAAA
 GTACTCGCTTTCCACTGAAGATGAAGAATCTCAGCAGAGCACCTTATCAAGTGTGAAAAACCATTCACAG
 CAGTCGGCCCAACCAGAGATGCATAAATATGACCAGCTTAGTAAAGTAGAACTAGAAGAAAATGCCGAAG

ACGATAAACTGAAAACAGACCCCTCAAAGAGTGACTAGAAACAAAGCAAGCACAGTGGTCAATCCAAG
 CAAGCCCATGCTTGCTGGCTGTGCCCTGTAGCAGAGAAAGATAACGAGTCCTCCCTAGGGGACGAATC
 AGACTCACTGAAGAGGATGATCCTCAGATCCACCATCCTCGGAAGAGGAAAGTGTCACGGGTTCTCAGC
 CTGTGCAAGTGAGCCCTCTTTACTGCAAGCAAAGGAGAAAACCTCAGCAGTCTCTAGCAGCCATTGTAGA
 TTCTCTGAAGTTAGATGAGATTGAGCCATACAGTTCTGAGAGAGCAAATCCATATTTTGAATATTTGCAC
 ATAAGAAAAAATTGAAGAAAAACGCAAGTTGCTATGTAGCGTTATCCCTCAAGCTCCTCAGTATTATG
 ATGAATACGTAACTTTAATGGATCCTATCTCCTGGATGGAAACCCCTTAAGCAAGATTTGTATTCTAC
 AATCACACCACCACCTTCGCTGTGATCCACTTAAAGAGCTCTTCGGCAACAGGAAGTAGTAAGGATG
 AAAGTGCCTTTGCAACATAGTATTGAAAGGAAAAAATTATTGTATCCAATGAACAAGAAGTTCTGCGAG
 TTCATTACAGAGCTGCAAGAACACTGGCAATCAAACACTGCCATTTAGTGCTTGTACTGTCTTACTGGA
 TGCAGAAGTGACAATGTGCCCTGGACTCACAGTCTGATGACAGCAAACTTCTGTGAGAGATCGATT
 AATGCAAGACAGTTCATGTCTGGTTGCAAGATGTGGACGATAAATTTGACAAGCTAAAGACCTGTCTCT
 TAATGAGGCAGCAACACGAAGCTGCAGCTTTAAATGCCGTCCAGAGGCTAGAATGCCAGCTCAAACCTCA
 GGAGCTGGACCTGCCACGTATAAGTCTCTCAGTATTTATGAAATCCAGGAGTTTATGTTCCCTTGT
 GATGTTAATGATGATTTTGAAGTACTCTATA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001025572
Insert Size:	6126 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001025572.1, NP_001020743.1</u>
RefSeq Size:	8991 bp
RefSeq ORF:	6126 bp
Locus ID:	106585
Cytogenetics:	17 E1.1