

Product datasheet for MC223460

Ankrd52 (NM_172790) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd52 (NM_172790) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ankrd52
Synonyms: 6430544C07; G431002C21Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223460 representing NM_172790
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGATCCTCAGCATCAGGACCAGCCGCCCTGGTCCAGGCCATCTTAGCCGAGATGTGGAGGAAG
 TGCCTTCCCTCCTCGCAGAAGGAGAATCAATGTACTGGACCAAGAGAGGCGAACCCATTGCATGC
 TGCTGCCTACGTAGGCGATGTCCCATCCTCCAGTTGCTACTGATGTCAGGTGCTAACGTCACCGTAAG
 GACACACTGTGGCTGACCCCTTTCATCGTGCCGCTGCCCTCCCGAACGAGAAGGTGCTGGGGCTGCTGT
 TGGCACACTCAGCGGATGTGAATGCCCGGACAAGCTGTGGCAGACACCACTGCATGTGGCTGCTGCCAA
 CCGGGCCACCAAGTGTGCAGAGGCTCTGGCACCCCTGTTGAGCAGTCTCAATGTGGCTGACAGGAGCGGG
 CGCAGCGCTCTACACCATGCAGTACACAGTGGGCATCTTGAGACAGTGAACCTGCTCCTGAATAAGGGAG
 CCAGCCTGAATGTCTGCGATAAAAAGGAACGGCAGCCGCTGCACTGGGCAGCTTTTCTAGGGCATTAGA
 GGTCTGAAACTGCTGGTGGCACGTGGAGCAGACCTCAGCTGTAAGATCGAAAGGGCTACGGGCTGCTC
 CACACAGCTGCAGCCAGTGGCCAGATTGAAGTGGTGAAGCACTTGCTTCGGATGGGGCCGAGATCGATG
 AGCCCAATGCTTTTGGAAACACAGCTTTGCACATCGCTTGCTACCTGGCCAGGATGCTGTGGCTATCGA
 GCTTGTGAACGCAGGAGCCAATGTGAACCGCAATGACAAGGCTTCACTCCACTGCATGTGGCGGCT
 GTCTCTACCAACGGCGCTCTGTGTCTGGAAGTGTAGTTAATAATGGGGCTGACGTCAACTACCAGAGTA
 AAGAAGGGAAAAGTCCCCTGCACATGGCTGCCATCCATGGGCGTTTACGCGTTCACAGATCCTCATCCA
 GAATGGTAGCGAGATTGACTGTGCTGACAAGTTTGGAAACACGCCCTACATGTGGCTGCTCGCTATGGA
 CACGAGCTACTCATCAGCACTCTCATGACCAATGGCGCAGATACTGCCCGGCGCGGTATCCACGACATGT
 TCCCCCTGCACTAGCTGTTCTTTGGATTCTCTGACTGTTGCCGGAAGCTTCTCTCCTCAGGTCAGCT
 GTATAGCATCGTGTCTTCGCTCAGCAACGAGCATGTGCTTCCGCTGGGTTTGACATCAACACCCGGAC
 AGCCTTGGCCGACCTGTCTTCATGCTGCTGCTTCAGGAGGAAATGTTGAGTGTCTTAATTTGCTGTTGA
 GCAGTGGAGCTGACCTGAGAAGGAGAGACAAATTTGGAAGGACCCCACTGCACTATGCAGCTGCTAATGG
 TAGCTACCAAGTGCAGTGCAGTGCAGCTGGTGCAGCCGGGGCCGGTGTCAATGAGGCCGACTGTAAGGGCTGT
 TCGCCACTTCACTATGCTGCTGCCTCTGACACCTACCGGAGAGCGGAACCCACACTGCTTCCAGCCATG



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ATGCTGAAGAGGATGAGCTACTGAAGGAGTCTCGTAGGAAGGAGGCCCTTCTTCTGTCTGGAGTTCTTATT
 GGATAATGGTGCAGACCCCTTCCCTGCGGGACAGGCAGGGCTACACAGCCGTGCACATGCAGCCGCCTAC
 GGCAACAGACAGAACCTCGAACTGCTCTTAGAAATGTCCTTTAACTGCCTAGAGGATGTGGAGAGTACAG
 TTCCAGTCAGCCCTTTGCACTTAGCTGCCTACAACGGTCACTGTGAAGCCCTGAAGACACTGGCTGAGAC
 GCTGGTGAACCTGGATGTAAGGGACCACAAGGGCCGACCGCGCTCTTCTGGCCACTGAGCGAGGCTCC
 ACTGAGTGTGTGGAGTACTGACGGCCCATGGTGCCTCTGCCCTCATCAAGGAGCGAAAACGCAAGTGA
 CACCCTTACATGCTGCTGCCTCTGGCCACACCGATTCCCTGCCTTGTGATTGACAGTGGGAGCG
 AGCTGACATCACAGATGTCATGGATGCCTATGGACAAACCCCACTGATGCTGGCCATTATGAATGGCCAT
 GTGGACTGTGTACATCTGCTGCTAGAGAAGGGATCCACGGCTGATGCTGCTGACCTCCGGGGCCGCACTG
 CCCTCCACCGTGGGGCAGTACTGGCTGTGAGGACTGCCTGGCTGCCCTGCTGGACCACGATGCATTGT
 ACTGTGCCGAGACTTTAAGGGCCGCACACCCATTACCTGGCCTCAGCCTGTGGCCACACTGCAGTGTG
 CGGACTCTGCTGACGGCTGCCCTTCCACAGACCCCTAGATGCTGGTGTGATTACAGCGGATACTCGC
 CCATGCACTGGCCCTCTACACTGGACATGAAGATTGTCTGGAGTTGTTACTTGAACACAGCCCGTTCTC
 ATACTGGAGGAAAACCCCTTCACTCCTTTCAGTGTGCAGTAATTAATAACCAGGACAGCACCACAGAG
 ATGCTGCTGGGGCTCTGGGTGCCAAGATTGTGAACAGCCGAGACGCCAAAGGACGGACTCCCCTTACAG
 CCGCTGCCTTCGCGGACAACGTCTCTGGGCTCCGGATGCTGTTGCAGCACAAGCCGAAGTGAATGCCAC
 CGACCACACTGGCCGCACTGCGCTCATGACGGCCGCTGAGAGTGGACAGACTGCTGCTGTGGAATTTCTG
 CTGTACCGAGGGAAGGCAGACCTGACTGTGCTGGATGAGAACAAGAACTGCCCTTCACTTGGCTTGTA
 GCAAGGGCCATGAGAAATGTGCCCTCATGATCCTGGCAGAAACCAAGACCTTGGCCTTATCAATGCTAC
 CAACAGTGCACATGCAGTGCCTTCCACATTGCTGCCCGCAACGGTCTGGCTTCTGTGGTGCAGGCCCTG
 CTGAGTCGTGGGGCCACAGTGTGGCTGTGGATGAAGAAGGTACACCCCAAGACTGGCCTGCGCTCCTA
 ACAAGATGTGGCAGACTGCCTGGCCTTGATCCTTCCACCATGAAGCCTTCCACCCAAGGACGCCGT
 CAGTCCTTTCAGCTTTCAGCCTGCTCAAGAACTGCGGCATCGCAGCTGCCAAGACGGTGGGTGGCTGTGGC
 GCCCTGCCTCACGGGCCCTTGTCCCTACAGCCAGGAGCGGCACGGCCGCTTGGGTTAGATGGCTGCT
 ACTCAGAGTAG

ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-NotI

ACCN:

NM_172790

Insert Size:

3231 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_172790.2](#), [NP_766378.1](#)

RefSeq Size:	6615 bp
RefSeq ORF:	3231 bp
Locus ID:	237615
UniProt ID:	Q8BTI7
Cytogenetics:	10 D3
Gene Summary:	Putative regulatory subunit of protein phosphatase 6 (PP6) that may be involved in the recognition of phosphoprotein substrates.[UniProtKB/Swiss-Prot Function]