

Product datasheet for MC223020

Ankrd44 (NM_001081433) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd44 (NM_001081433) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd44
Synonyms:	4930444A19Rik; A130096K20; E130014H08Rik; PP6-ARS-B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223020 representing NM_001081433 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGTGCTCAAACCTCTGCGAGCAGCCACCACTGGTCCAGGCAATCTTCAGTGGCGACCCAGAGGAGA
TTCGCATGCTCATCCATAAGACTGAAGACGTAAACGCACTGGATTCTGAGAAACGAACCCCGCTTCATGT
GGCTGCATTCTGGGAGATGCAGAGATCATTGAACTCCTGATTTTGTGAGGAGCTCGTGTAAATGCCAAG
GACAACATGTGGCTGACCCCACTGCACCCGGCTGTTGCTCCAGAAGTGAAGAGGCAGTGAAGTATTGA
TTAAACACTCGGCTGATGTCAATGCAAGGACAAGAATTGGCAGACCCCCCTCCATGTGGCAGCAGCCAA
TAAGGCCGTCAAGTGTGCAAGTGTGATCATTCCACTACTGAGCAGTGTCAATGTCTCCGACAGAGCCGGG
CGCACAGCCTTGACACGCCGCTCTGAATGGACACATGGAGATGGTCAATTTACTCTTGCCAAAGGGG
CAAACATCAATGCATTTGACAAGAAGGACCGACGAGCTCTCCACTGGGCAGCATACATGGGTACCTGGA
CGTTGTGGCGTCTCATTAAACCATGGTGCAGAAGTTACCTGCAAGGATAAGAAGGGCTACACCCCGCTG
CACGCTGCAGCCTCAATGGGCAGATCAGTGTGTTGCAACATCTCCTGAACCTGGGGTGGAGATTGATG
AAATCAATGTCTATGAAACACAGCACTTACATTGCCTGCTACAATGGCCAGGATGCTGTCTGTTAATGA
GCTGATCGACTATGGTGCTAACGTGAATCAGCCCAACAACAGTGGCTTTACCCCTCTCACTTTGCAGCG
GCGTCTACTCACGGTCTCTGTGCTGGAGTTGTTAGTGAACAATGGGGCCGATGTAACATTGAGAGTA
AGGATGGCAAAAGTCTCTGCACATGACAGCTGTCCATGGACGGTTCACGCGGTACAAAACCTCATCCA
GAATGGAGGTGAGATCGACTGTGTGGATAAGGATGGCAACACACCTCTCCATGTGGCTGCGAGACATGGT
CACGAGCTCCTGATTAACACCCTAATCACTAGCGGAGCCGACACAGCCAAGTGTGGAATCCATAGCATGT
TCCCCCTACATTTAGCCGCCCTAAATGCTCACTCTGACTGCTGCAGGAAGTTGTTATCATCTGGCTTTGA
AATAGACACCCAGATACGTTTGAAGAAGCTGCCTCCACGCCGCTGCTGCAGGAGGCAATGTAGAATGC
ATAAAGCTCTTGACAGAGCAGCGGAGCAGATTTTCAAAAAAGGACAAATGTGGGAGAACCCATTGCACT
ATGCAGCTGCAAATGCCATTTCCACTGTATTAAGCATTAGTGACCACCGGAGCCAACGTTAATGAAAC
AGACGACTGGGACGGACAGCTCTGCACTACGCTGCTGCATCAGACATGGATAGAATAAGATGATCTTA



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GGAAATGCCCATGACAATTCTGAAGAACTTGAAAGAGCCAGAGAAGTGAAGGAAAAAGATGCTGCACTAT
 GTCTAGAATTTCTGCTTCAAAATGATGCAAACCCATCCATCCGGGACAAGGAAGGCTACAATAGCATCCA
 CTATGCTGCTGCCTATGGCCACAGACAGTGTCTAGAAGTCTTTTGAAAAGAACCAACTGGCTTTGAA
 GAATCAGATGGCGGTGCTCTCAAGAGTCCACTCCACTTAGCAGCATACAATGGGCATCACCAAGCCTTG
 AGGTCCTTCTCCAGTCCCTAGTGGACCTGGACATCAGGGATGAGAAAGGCCGGACAGCTCTGTACCTAGC
 TGCTTTCAAGGGACACACAGAATGTGTGGAGGCCACTTGTTAACCCAGGGCGCATCCATCTTTGTAAGGAC
 AATGTCACCAAAAGAACTCCACTTCATGCTTCAGTTATTAATGGTCACACACTGTGTTTGAGGCTACTAC
 TTGAAACAGCAGACAATCCGGAAGTGGTTGATGTGAAAGATGCCAAGGGACAAACCCCGCTGATGCTTGC
 AGTAGCATATGGACACATTGATGCTGTTTCATTGTTACTTGAAAAAGGAAGCAAACGTAGATGCGGTCGAC
 ATAGTGGGATGCACGGCTTTACATAGAGGGATTATGACAGGACATGAGGAATGTGTGCAAAATGCTGCTGG
 AACAGAAGCATCAATCCTCTGTAAAGATTCCAGAGGGAGGACACCCCTTGCACTATGCGGCTGCTCGGGG
 CCACGCCACATGGCTGAATGAATTGCTCCAGATTGCCCTTTCTGAAGAAGACTGCTGTCTCAAAGACAAC
 CAGGGATACACGCCACTGCACTGGGCGTGTACAATGGTAAATGAAAAGTGCATAGAGGTACTTTTGGAGC
 AAAAATGTTTTCGAAAAATTTATTGGTAATCCCTTCACTCCACTGCACTGTGCAATAATAATGGTCACGA
 GAGCTGTGCATCATTGCTCCTGGGGCCATAGATCCCAGCATTGTGAGCTGCAGGGATGACAAAGGCAGG
 ACAACCTCCACGCGGCAGCCTTTGGAGATCATGCGGAGTGTGTCAGCTGCTTCTGAGACATGATGCTC
 AAGTGAATGCCGTAGATAATTCAGGGAAAAACAGCACTGATGATGGCCGCTGAGAACGGGCAGGCAGGAGC
 TGTGGATATTTTGGTGAACAGTGCCAGGCTGACCTGACTGTGAAGGATAAGGACTTGAATACTCCCTTA
 CACCTGGCTATCAGTAAAGGCCATGAGAAATGTGCCTTGTAAATACTTGACAAGATACAAGATGAGAGCC
 TTATCAATGCGAAGAAGAGTGCCTGCAGACACCCCTCCATATCGCTGCACGCAATGGCTTGAAGGTGGT
 AGTTGAGGAGTTGCTGGCGAAAGGAGCCTGCGTACTTGTGTAGATGAAAATGCTTCTAGGTCGAATGGA
 CCCCGTTCTCCACTGGAACGGCTGTACGAAAGGAAGAA TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001081433

Insert Size:

2982 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_001081433.3](#), [NP_001074902.2](#)

RefSeq Size:

6156 bp

RefSeq ORF:

2982 bp

Locus ID: 329154

UniProt ID: [B2RXR6](#)

Cytogenetics: 1 C1.2

Gene Summary: Putative regulatory subunit of protein phosphatase 6 (PP6) that may be involved in the recognition of phosphoprotein substrates.[UniProtKB/Swiss-Prot Function]