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Product datasheet for SC331877

ANKRD6 (NM_001242813) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD6 (NM_001242813) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD6
Vector:	pCMV6-Entry (PS100001)

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Fully Sequenced ORF:

>SC331877 representing NM_001242813.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAGCCAGCAAGATGCGGTCGCTGCACTTTCAGAGCGCCTTCTCGTAGCTGCGTACAAAGGCCAAACA
GAGAATGTGGTTCAGCTCATCAACAAGGGCGCCAGGGTAGCGGTTACCAAGCATGGCCGGACTCCCCTG
CATCTTGCTGCCAATAAGGGCCATCTTCCTGTGGTCCAGATCTTGCTGAAGGCTGGCTGCGACCTTGAT
GTCCAGGATGATGGGGACCAGACCGCCTTGCACCGGGCCACAGTGGTGGGGAACACGGAGATCATCGCG
GCGCTCATCCACGAAGGGTGTGCCCTGGACAGACAAGACAAGGATGGGAATACAGCCTTGCATGAAGCA
TCCTGGCATGGTTTCAGCCAGTCAGCCAAGCTGCTCATTAAAGCAGGAGCCAACGTGCTTGCCAAGAAC
AAGGCGGGGAACACAGCTCTGCACCTGGCCTGCCAGAACAGCCACTCCCAGAGCACGCGCGTCCTCCTG
CTGGCCGGGTCCCGCGCTGACCTCAAAAATAATGCAGGAGACACCTGTTTGCACGTTGCTGCGCGCTAT
AATCACTTGTCCATCATTAGGCTCCTCCTCACTGCTTTCTGTTCTGTCCATGAAAAGAACCAGGCTGGA
GACACAGCACTTCACGTTGCTGCTGCCCTAAATCACAAGAAGGTGGCCAAAATCTTACTGGAAGCCGGA
GCAGATACGACCATTGTTAACAATGCAGGCCAGACTCCGCTGGAGACTGCCCGCTACCACAATAACCCG
GAAGTTGCTCTTCTCCTTACTAAAGCTCCCCAGGGCAGTGTCTCAGCAGGAGACACCCCCAGCAGTGAA
CAGGCTGTGGCCAGAAAAGAAGAAGCCAGAGAAGAGTTCCTGTCAGCCTCCCCAGAACCCAGAGCAAAG
GATGACAGGAGGAGAAAGTCAAGGCCCAAGGTGTCAGCATTTTCTGACCCCACCCCACCAGCCGACCAA
CAGCCTGGACACCAGAAGAACCTGCATGCTCATAATCACCCTAAAAAGAGGAACAGGCATCGGTGTTCA
TCCCCACCCCCACCCCATGAGTTCAGGGCGTATCAGCTCTACACATTGTACCGGGGCAAGGATGGGAAA
GTGATGCAGGCACCAATAAATGGTTGTCGATGTGAACCTCTAATCAACAAGCTGGAGAATCAGTTGGAG
GCTACTGTGGAGGAGATAAAAGCAGAGCTGGGATCGGTTCAGGACAAAATGAATACAAAGCTGGGGCAG
ATGGAGAATAAGACCCAGCACCAAATGCGTGTTTTGGACAAGCTGATGGTTGAGCGACTTTCTGCAGAG
AGGACGGAGTGCCTGAACCGCCTGCAACAGCACTCAGACACAGAGAAGCATGAGGGGGAGAAACGACAG
ATATCCTTGGTGGATGAATTAAAAACCTGGTGCATGTTAAAGATTCAGAATCTGGAGCAGAAGCTTTCT
GGAGATTCTAGGGCCTGCAGAGCTAAATCCACACCATCTACTTGTGAGTCCTCTACAGGTGTGGACCAA
TTAGTGGTGACTGCAGGTCCAGCAGCAGCTTCCGACAGCTCCCCTCCAGTGGTTAGGCCCAAAGAGAAG
GCCCTCAACTCCACTGCTACCCAGAGACTCCAGCAGGAGCTGTCGTCTTCTGACTGTACAGGCTCCCGA
CTGAGAAACGTCAAGGTCCAGACAGCCTTGCTACCCATGAATGAGGCAGCCAGATCTGATCAGCAGGCT
GGGCCCTGCGTCAACAGAGGCACTCAAACTAAGAAGTCTGGGAAGAGTGGGCCAACAAGGCATCGTGCC
CAGCAACCCGCAGCCAGCAGCACCTGTGGGCAGCCGCCACCAGCCACAGGCAGCGAGCAGACTGGCCCT
CACATTCGGGACACCTCCCAAGCTCTGGAGCTTACCCAGTATTTTTTTGAGGCTGTTTCTACCCAGATG
GAAAAGTGGTATGAAAGGAAGATTGAAGAAGCACGAAGCCAAGCCAATCAGAAAGCCCAGCAAGATAAG
GCTACATTGAAGGAACACATTAAAAGTTTAGAAGAGGAACTTGCCAAACTAAGGACTAGGGTGCAGAAG
GAAAATTAG

Restriction Sites: SgfI-MluI

ACCN: NM_001242813

Insert Size: 2079 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_001242813.1
RefSeq Size:	5250 bp
RefSeq ORF:	2079 bp
Locus ID:	22881
UniProt ID:	Q9Y2G4
Cytogenetics:	6q15
MW:	75.7 kDa
Gene Summary:	Recruits CKI-epsilon to the beta-catenin degradation complex that consists of AXN1 or AXN2 and GSK3-beta and allows efficient phosphorylation of beta-catenin, thereby inhibiting beta-catenin/Tcf signals.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) lacks an in-frame exon in the coding region, compared to variant 1. The resulting isoform (c) lacks an internal segment, compared to isoform a. 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.