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Product datasheet for SC331878

ANKRD6 (NM_001242814) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: ANKRD6 (NM_001242814) Human Untagged Clone

Tag: Tag Free

Symbol: ANKRD6

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC331878 representing NM_001242814.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAGCCAGCAAGATGCGGTCGCTGCACTTTCAGAGCGCCTTCTCGTAGCTGCGTACAAAGGCCAAACA
GAGAATGTGGTTCAGCTCATCAACAAGGGCGCCAGGGTAGCGGTTACCAAGCATGGCCGGACTCCCCTG
CATCTTGCTGCCAATAAGGGCCATCTTCCTGTGGTCCAGATCTTGCTGAAGGCTGGCTGCGACCTTGAT
GTCCAGGATGATGGGGACCAGACCGCCTTGCACCGGGCCACAGTGGTGGGGAACACGGAGATCATCGCG
GCGCTCATCCACGAAGGGTGTGCCCTGGACAGACAAGACAAGGCGGGGAACACAGCTCTGCACCTGGCC
TGCCAGAACAGCCACTCCCAGAGCACGCGCGTCCTCCTGCTGGCCGGGTCCCGCGCTGACCTCAAAAAT
AATGCAGGAGACACCTGTTTGCACGTTGCTGCGCGCTATAATCACTTGTCCATCATTAGGCTCCTCCTC
ACTGCTTTCTGTTCTGTCCATGAAAAGAACCAGGCTGGAGACACAGCACTTCACGTTGCTGCTGCCCTA
AATCACAAGAAGGTGGCCAAAATCTTACTGGAAGCCGGAGCAGATACGACCATTGTTAACAATGTCTTG
CGCTTCAGTCGTGGGCGAAGCCTGAGGAAAAAGAGAGAGAGGCTCAAGGAAGAGAGGAGAGCCCAGTCT
GTGCCAAGAGATGAGGTGGCCCAAAGCAAGGGCAGTGTCTCAGCAGGAGACACCCCCAGCAGTGAACAG
GCTGTGGCCAGAAAAGAAGAAGCCAGAGAAGAGTTCCTGTCAGCCTCCCCAGAACCCAGAGCAAAGGAT
GACAGGAGGAGAAAGTCAAGGCCCAAGGTGTCAGCATTTTCTGACCCCACCCCACCAGCCGACCAACAG
CCTGGACACCAGAAGAACCTGCATGCTCATAATCACCCTAAAAAGAGGAACAGGCATCGGTGTTCATCC
CCACCCCCACCCCATGAGTTCAGGGCGTATCAGCTCTACACATTGTACCGGGGCAAGGATGGGAAAGTG
ATGCAGGCACCAATAAATGGTTGTCGATGTGAACCTCTAATCAACAAGCTGGAGAATCAGTTGGAGGCT
ACTGTGGAGGAGATAAAAGCAGAGCTGGGATCGGTTCAGGACAAAATGAATACAAAGCTGGGGCAGATG
GAGAATAAGACCCAGCACCAAATGCGTGTTTTGGACAAGCTGATGGTTGAGCGACTTTCTGCAGAGAGG
ACGGAGTGCCTGAACCGCCTGCAACAGCACTCAGACACAGAGAAGCATGAGGGGGAGAAACGACAGATA
TCCTTGGTGGATGAATTAAAAACCTGGTGCATGTTAAAGATTCAGAATCTGGAGCAGAAGCTTTCTGGA
GATTCTAGGGCCTGCAGAGCTAAATCCACACCATCTACTTGTGTGGACCAATTAGTGGTGACTGCAGGT
CCAGCAGCAGCTTCCGACAGCTCCCCTCCAGTGGTTAGGCCCAAAGAGAAGGCCCTCAACTCCACTGCT
ACCCAGAGACTCCAGCAGGAGCTGTCGTCTTCTGACTGTACAGGCTCCCGACTGAGAAACGTCAAGGTC
CAGACAGCCTTGCTACCCATGAATGAGGCAGCCAGATCTGATCAGCAGGCTGGGCCCTGCGTCAACAGA
GGCACTCAAACTAAGAAGTCTGGGAAGAGTGGGCCAACAAGGCATCGTGCCCAGCAACCCGCAGCCAGC
AGCACCTGTGGGCAGCCGCCACCAGCCACAGGCAGCGAGCAGACTGGCCCTCACATTCGGGACACCTCC
CAAGCTCTGGAGCTTACCCAGTATTTTTTTGAGGCTGTTTCTACCCAGATGGAAAAGTGGTATGAAAGG
AAGATTGAAGAAGCACGAAGCCAAGCCAATCAGAAAGCCCAGCAAGATAAGGCTACATTGAAGGAACAC
ATTAAAAGTTTAGAAGAGGAACTTGCCAAACTAAGGACTAGGGTGCAGAAGGAAAATTAG

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001242814
Insert Size:	1992 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_001242814.1
RefSeq Size:	4961 bp
RefSeq ORF:	1992 bp
Locus ID:	22881
UniProt ID:	Q9Y2G4
Cytogenetics:	6q15
MW:	73.2 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 (5) lacks two in-frame exons in the coding region, compared to variant 1. The resulting isoform (d) lacks two internal segments, 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.