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Product datasheet for SC331485

ANKRD12 (NM_001204056) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: ANKRD12 (NM_001204056) Human Untagged Clone

Tag: Tag Free

Symbol: ANKRD12

Synonyms: ANCO-2; ANCO1; GAC-1; Nbla00144

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC331485 representing NM_001204056.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCCCAAATCTGGGTTCACAAAACCAATTCAGAGTGAAAATTCTGACAGTGACAGCAATATGGTAGAG
AAACCATATGGAAGAAAGAGTAAAGACAAGATTGCATCCTACAGCAAAACTCCAAAAATTGAACGAAGT
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AGAAATGAAGAACGAGATTCAGACACAGAGAAAGAAGGTCCAGAAAAGAAGAAGACAAAAAAGGAAGCT
GGAAATAAGAAATCCACACCAGTTAGCATTCTTTTTGGTTATCCACTCTCTGAGCGAAAACAGATGGCA
CTTCTTATGCAGATGACAGCAAGAGACAACAGTCCAGATTCCACACCAAATCATCCATCACAAACAACG
CCTGCCCAAAAGAAAACTCCCAGTTCTTCATCTCGACAGAAAGATAAAGTTAATAAAAGAAATGAACGT
GGTGAAACTCCTTTACACATGGCTGCTATTCGAGGAGATGTGAAACAAGTTAAAGAATTAATAAGTTTA
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GAAATTGAAGGTGAAAAGGAAAAATACAAAACTAAGGATAGTGCCAAAGAACTGCAGAGGAGTGTGGAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001204056
Insert Size:	6120 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_001204056.1
RefSeq Size:	11358 bp
RefSeq ORF:	6120 bp
Locus ID:	23253
UniProt ID:	Q6UB98
Cytogenetics:	18p11.22
MW:	233 kDa

Gene Summary: This gene encodes a member of the ankyrin repeats-containing cofactor family. These proteins may inhibit the transcriptional activity of nuclear receptors through the recruitment of histone deacetylases. The encoded protein interacts with p160 coactivators and also represses transcription mediated by the coactivator alteration/deficiency in activation 3 (ADA3). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2011]
Transcript Variant: This variant (3) differs in the 5' UTR and lacks an in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Variants 2 and 3 encode the same isoform (2). 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.