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Product datasheet for SC332315

ANKRD11 (NM_001256183) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: ANKRD11 (NM_001256183) Human Untagged Clone

Tag: Tag Free

Symbol: ANKRD11

Synonyms: ANCO-1; ANCO1; LZ16; T13

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC332315 representing NM_001256183.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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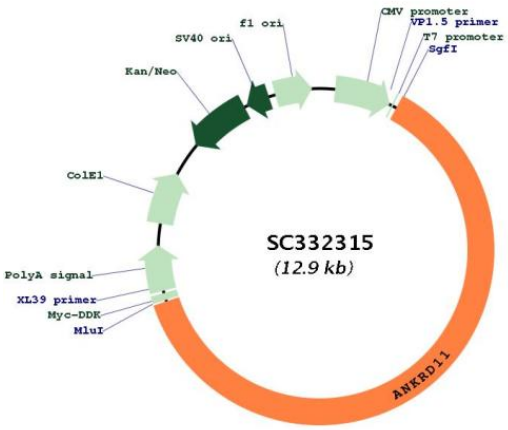
Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN:	NM_001256183
Insert Size:	7992 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_001256183.1
RefSeq Size:	9307 bp
RefSeq ORF:	7992 bp
Locus ID:	29123
UniProt ID:	Q6UB99
Cytogenetics:	16q24.3
MW:	297.9 kDa
Gene Summary:	This locus encodes an ankryin repeat domain-containing protein. The encoded protein inhibits ligand-dependent activation of transcription. Mutations in this gene have been associated with KBG syndrome, which is characterized by macrodontia, distinctive craniofacial features, short stature, skeletal anomalies, global developmental delay, seizures and intellectual disability. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 2 and X. [provided by RefSeq, Jan 2012] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.