

Product datasheet for SC322938

Ankyrin repeat domain containing protein 33 (ANKRD33) (NM_001130015) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankyrin repeat domain containing protein 33 (ANKRD33) (NM_001130015) Human Untagged Clone
Tag:	Tag Free
Symbol:	Ankyrin repeat domain containing protein 33
Synonyms:	C12orf7; PANKY
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001130015, the custom clone sequence may differ by one or more nucleotides <pre> ATGGTCGCATGCTACACGGCTTCCAGAGTGTTGTGGCCCTGCTCAGCCACTGTCCTTTC CTTGATGTGAACCAGCAGGACAAAGGAGGGGACACGGCCCTCATGTTGGCTGCCCAAGCA GGCCACGTGCCTCTAGTGAGTCTCCTGCTCAACTACTATGTGGGCTGGACCTGGAACGC CGGGACCAGCGGGGGCTCACGGCGTTAATGAAGGCTGCCATGCGGAACCGCTGTGAGTGC GTGGCCACCCTCCTCATGGCAGGTGCTGACCTGACAGCAGTGGACCCTGTTGCGGGCAAG ACGGCCCTGGAATGGGCAGTGCTGACCGACAGCTTCGACACCGTGTGGAGGATTCGGCAG CTGCTGAGGCGGGCCCAAGTGGAGCAGCTTAGCCAGCACTACAAGCCCGAGTGGCCGGCC TTGTCCGGGCTCGTGGCCAGGCCAGGCCAGGCCAGGTTGCCCTTCACTCCTAGAA CGGCTGCAGGCTACCTTGAGCCTCCCTTTGCCCGTCTCCTCAGGAGGGGGTGTCTG GACCACCTTGACTGCCACAACAGCCTGGCCAGTCCCTTCGTCACCACTGCCTGCCAC ACTCTGTGCCCTGACCATCCACCTTCGCTGGGCACCCGAAGCAAGTCCGTGCCAGAGCTG TTAGTGCCAGCCGAAGCCAGTCCTTCAGGACACCAAAGTCTGGCCCTTCTCTCTGGCG ATACCAGGAGCTCAGGATAGAGAAGAGGAAACAGGAGGAGGAGGCCAGAATGGCACAGAA GTAGGGGAAGATGGGATAGGACAGGCTGGGAACAGG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001130015
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.


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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:	<u>NM_001130015.1, NP_001123487.1</u>
RefSeq Size:	1779 bp
RefSeq ORF:	819 bp
Locus ID:	341405
UniProt ID:	<u>Q7Z3H0</u>
Cytogenetics:	12q13.13
Gene Summary:	Acts as a transcriptional repressor for CRX-activated photoreceptor gene regulation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) lacks one internal exon and an internal segment in the coding region, compared to variant 3. The resulting isoform (1) lacks two internal segments, compared to isoform 3.