

Product datasheet for SC314923

ANKRD44 (NM_153697) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD44 (NM_153697) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD44
Synonyms:	PP6-ARS-B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC314923 representing NM_153697. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGCAGTGCTCAAACCTACCGACCAGCCACCATTGGTTCAAGCAATCTTCAGCGGTGATCCAGAGGAG
 ATCCGGATGCTCATCCATAAACTGAAGATGTGAATACTCTGGATTCTGAGAAACGAACCCCTCTTCAT
 GTGGCCGCATTTCTGGGAGATGCAGAGATCATTGAACCTCTGATTTTGTCAAGAGCTCGTGTAATGCC
 AAGGACAACATGTGGCTGACTCCACTGCACCGGGCTGTTGCTTCCAGAAGTGAAGAAGCAGTACAGGTT
 TTGATTAAGCACTCAGCTGATGTCAATGAAGGACAAGAAGTGGCAGACCCCTCTTCATGTGGCAGCA
 GCCAACAAGGCTGTCAAATGTGAGAAGTGATCATTCCCCTGCTGAGCAGTGCAATGTCTCCGACCGA
 GGGGGGCGCACAGCCTTGCAACATGCGGCTCTGAACGGCCACGTGGAGATGGTCAATTTACTCTTGCC
 AAAGGGGCAAATATCAATGCATTTGACAAGAAGGACCGGCGTGCTCTGCACTGGGCAGCATACATGGGC
 CACTTGGATGTTGTAGCATTGCTCATTAAACCATGGCGCAGAAGTGACCTGTAAGGATAAGAAGGGTTAT
 ACCCCTCTGCATGCTGCAGCCTCCAATGGACAGATTAATGTTGTCAAGCATCTCCTGAACCTGGGGGTG
 GAGATTGATGAAATCAATGTCTATGAAATACAGCGCTTCACATCGCCTGCTACAATGGACAGGATGCT
 GTGGTTAACGAGTTGATTGACTACGGTGCTAACGTGAACCGCCAAACAATAATGGGTTACCCCTTTG
 CATTTTGCTGCTCCCTCACTCATGGTGCTTTGTGCTTGAATTGTTAGTAAACAACGGGCAGATGTT
 AACATTCAGAGTAAAGATGGCAAAAGTCCACTGCACATGACAGCTGTCCATGGAAGGTTACACGGTCA
 CAGACCCCTATTGAGAATGGAGGTGAAATTGACTGTGTGGATAAGGACGGCAACACTCCTCTCCATGTG
 GCTGCAAGATACGGTCATGAGCTTTTGATTAACACCTTAATAACCGCGAGCTGACACAGCCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_153697
Insert Size:	1104 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).
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.
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_153697.2</u>
RefSeq Size:	1638 bp
RefSeq ORF:	1104 bp
Locus ID:	91526
UniProt ID:	<u>Q8N8A2</u>
Cytogenetics:	2q33.1
Domains:	ANK
MW:	39.6 kDa
Gene Summary:	Putative regulatory subunit of protein phosphatase 6 (PP6) that may be involved in the recognition of phosphoprotein substrates.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (B) contains an alternate segment in the 3' UTR and lacks the last 18 exons, compared to variant A. The resulting protein (isoform B) is shorter than isoform A.