

Product datasheet for SC309379

ANKRD45 (NM_198493) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD45 (NM_198493) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD45
Synonyms:	CT117
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309379 representing NM_198493. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGAGTCAGAAGGACCTCCAGAGTCAGAGAGTTCAGAATTTTCTCACAGCAAGAAGAGGAAAATGAA
 GAAGAAGAAGCCCAAGAACCAGAGGAAACAGGCCCTAAGAACCCCTTTTACAACCTGCTCTCACAGGG
 GATGTAGAGGGTTTGCAGAAGATATTTGAGGATCCTGAGAATCCTCATCATGAACAGGCCATGCAGCTT
 CTCTTAGAAGAAGACATCGTTGGGAGAAATTTGTTGTATGCAGCTTGCATGGCTGGGCAAAGTGACGTG
 ATTAGAGCTTTGGCAAAATATGGTGTGAATCTGAATGAAAAACCACCAGAGGGTACACACTCTTACAT
 TGTGCTGCAGCCTGGGGTCGTTTGGAACTTTGAAAGCACTGGTAGAACTGGATGTTGATATAGAAGCT
 TTGAACCTCCGGGAAGAAAGGGCTCGAGATGTTGCTGCTAGATATTCTCAGACTGAGTGTGTTGAATTC
 CTGGACTGGGCAGATGCAAGGCTGACTCTGAAAAAATATATTGCAAAAGTCTCTTTAGCTGTTACTGAC
 ACAGAAAAGGGATCAGGGAACTCCTTAAGGAAGACAAGAATACCATCCTCAGTGCATGCCGTGCAAAA
 AATGAGTGGTTGGAAACCATACAGAAGCTTCCATTAATGAGCTTTTGGAGCAGAGACAACAACTGGAA
 GATATTGTGACTCCTATCTTCACAAAAATGACTACACCATGTCAAGTGAAAAGTGCCAAATCTGTAACA
 AGCCATGACCAGAAGAGAAGTCAAGATGATACCTCCAAC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_198493
Insert Size:	801 bp


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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_198493.2</u>
RefSeq Size:	2671 bp
RefSeq ORF:	801 bp
Locus ID:	339416
UniProt ID:	<u>Q5TZF3</u>
Cytogenetics:	1q25.1
MW:	30 kDa