

Product datasheet for SC312875

ANKRD23 (NM_144994) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD23 (NM_144994) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD23
Synonyms:	DARP; MARP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC312875 representing NM_144994. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACTTCATCAGCATTGAGCAGTTGGTAAGTGGAGAAAAGAGTTGAAGGGAAAAGTGTGGGATTTGGA
CATGGAGTTCCTGACCCTGGAGCCTGGCCTAGTGACTGGAGGAGGGGCCCAAGAGGCTGTGGCCCGG
GAGAAGCTGAAATTGGAAGAAGAGAAGAAGAAGAACTTGAAAGATTTAACAGTACCAGATTTAATCTG
GATAACCTGGCTGACTTGGAAAACCTGGTTCAAAGACGGAAAAAGCGACTGAGACACAGAGTCCCCCCC
AGGAAACCTGAGCCCCTGGTTAAGCCGAGTCCCAGGCCAGGTGGAGCCTGTGGCCTGGAGATGTTT
CTGAAGGCAGCTGCTGAGAACCAGGAGTACCTGATTGACAAGTACTTGACAGACGGAGGGGACCCCAAT
GCCCATGACAAGCTCCACCGCACCCTTGCCTGGGCCTGTCTGAAGGGTACAGCCAGCTGGTGAAC
AAGCTGCTGGTGGCAGGTGCCACAGTGGACGCGGAGACTTGTGGACAGGACACCTGTGTTCTGGGCC
TGCCCGGGAGGACATCTGGTCACTCAAAACAGCTGCTTAACCAGGGAGCCCGGGTCAATGCCCGGGAC
AAGATCGGGAGCACCCCTGCACGTGGCAGTGCACCCCGGCACCCCGACTGCCTGGAGCACCTCATC
GAGTGTGGCGCCACCTGAACGCACAGGATAAGGAAGGGGACACGGCTCTGCACGAGGCCGTGGCCAC
GGCAGCTACAAAGCCATGAAGCTACTGCTGCTCTATGGGGCCGAGCTGGGGGTGCGGAACCGGCCCTCC
GTGACCCCGGTGCAGCTGGCTCGAGACTGGCAGCGCGGCATCCGGGAGGCCCTGCAGGCCACGTGGCC
CATCCCCGACCCGGTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_144994
Insert Size:	918 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:	<ol style="list-style-type: none"> 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_144994.7</u>
RefSeq Size:	2591 bp
RefSeq ORF:	918 bp
Locus ID:	200539
UniProt ID:	<u>Q86SG2</u>
Cytogenetics:	2q11.2
Domains:	ANK
MW:	34.3 kDa
Gene Summary:	This gene is a member of the muscle ankyrin repeat protein (MARP) family and encodes a protein with four tandem ankyrin-like repeats. The protein is localized to the nucleus, functioning as a transcriptional regulator. Expression of this protein is induced during recovery following starvation. [provided by RefSeq, Jul 2008]