

## Product datasheet for **SC120660**

### ANKRD54 (NM\_138797) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD54 (NM_138797) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD54
Synonyms:	LIAR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_138797, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGCCGCCCGGGGACGCGGACGACGAGCCGCTCAGGCCACTCGAGCTCGGAGGGCGAGTGCG  
CGGTGGCGCCGGAGCCGCTGACTGACGCTGAGGGCCTCTTCTCCTTCGCTGACTTCGGGTCTGCGTGGG  
CGGCGGCGGCGGGGCTCTCGGGCCGGGCGTCCGGCGGGGCCAGTCGCCGCTGCGCTACTTGCACGTC  
CTGTGGCAGCAGGATGCGGAGCCGCGGACGAGCTGCGTGCAAGATACCCGCTGGCCGGCTGAGGCGCG  
CTGCCAGGCCACCAGGCGGCTCGGGCCACGGCAAGGAGGTGCACGCTCTGAAGAGACTGAGGGACTC  
GGCCAATGCCAATGATGTGAAACAGTGCAGCAGCTGCTGGAAGATGGCGCGGATCCCTGTGCAGCTGAT  
GACAAGGGCCGCACAGCTCTACACTTTGCCTCATGCAATGGCAATGACCAGATTGTGCAGCTGCTCCTGG  
ACCATGGTGTGATCCTAACCAGCGAGATGGGCTGGGGAACACGCCACTGCACCTGGCGGCTGCACCAA  
CCACGTTCTGTATCACCACACTGCTACGAGGAGGGGCCGTGTAGATGCCCTGGACCGAGCTGGTTCGC  
ACACCCCTGCACCTGGCCAAGTCAAAGCTGAATATCCTGCAGGAGGGCCATGCCAGTGCCTAGAGGCTG  
TGCGTCTGGAGGTGAAGCAGATCATCCATATGCTGAGGGAGTATCTGGAGCGCCTAGGGCAACATGAGCA  
GCGAGAACGCCTGGATGACCTCTGCACCCGCTGCAGATGACCAGTACCAAAGAGCAGGTGGATGAAGTG  
ACTGACCTCTGGCCAGCTTACCTCCCTCAGTCTGCAGATGCAGAGCATGGAGAAGAGGTAG
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_138797 unedited ACGAATTTGGTATACGACTCACTATAGGGCGGCNCGCAATTCGCACCAGGCGGAGGGAA GTAGGTCCGTTGGTCCGGTCGGGAACGAGGCTCAGGCGGCCAGGCCCGCGCGGAGCCGTTG CCATGGCAGCCGCGCCGGGGACGCGGACGACGAGCCGCGCTCAGGCCACTCGAGCTCGG AGGGCGAGTGC CGGTGGCGCCGAGCCGCTGACTGACGCTGAGGGCCTTTCTCCTTCG CTGACTTCGGGTCTGCGCTGGGCGGCGCGGCGGCTCTCGGGCCGGGCGTCCGGCG GGGCCAGTCCGCGCTGCGCTACTTGACGTCTGTGGCAGCAGGATGCGGAGCCGCGGC ACGAGCTGCGCTCAAGATACCCGCTGGCCGGCTGAGGCGCGCTGCCAGGCCCCACCGGC GGCTCGGGCCACGGGCAAGGAGGTGCACGCTCTGAAGAGACTGAGGGACTCGGCCAATG CCAATGATGTGGAACAGTGCAGCAGCTGCTGGAAGATGGCGCGGATCCCTGTGCAGCTG ATGACAAGGGCCGACAGCTCTACACTTTGCCATGGCATGGCAATGACCAGATTGTGC AGCTGCTCTGGACCATGGTGTGATCCTAACCCAGCGAGATGGGCTGGGGAACACGCCAC TGCACCTGGCGGCTGCACCAACCAGTTCCTGTATCACCACACTGCTACGAGGAGGGG CCCGTGTAGATGCCCTGGACCGAGCTGGTCGCACACCCCTGCACCTGGCAGGTAAAAGCT GATATTCTGCAGGAGGGCCATGCCAATGCCTATAGGCTGTCCGCTTGGAAAGTGAAGCCCA TCTCCCTATGCTGAGGAGTATTTGGACCCCTAAGGCACATGACCAGGAGACGCCTGTAGA ATCTGGCCCGCCTGAGAGACCAGTCCAAGAGCCGGGGGAGAACGACCCGCCCTCCG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_138797
<b>Insert Size:</b>	2150 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_138797.1</a></u> , <u><a href="#">NP_620152.1</a></u>
<b>RefSeq Size:</b>	2099 bp
<b>RefSeq ORF:</b>	903 bp
<b>Locus ID:</b>	129138
<b>UniProt ID:</b>	<u><a href="#">Q6NXT1</a></u>
<b>Cytogenetics:</b>	22q13.1
<b>Domains:</b>	ANK

**Gene Summary:**

Plays an important role in regulating intracellular signaling events associated with erythroid terminal differentiation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer isoform (1).