

Product datasheet for **SC107314**

ANKRD37 (NM_181726) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD37 (NM_181726) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD37
Synonyms:	Lrp2bp
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_181726, the custom clone sequence may differ by one or more nucleotides

ATGCTGTTGCTGGATTGCAACCCCGAGGTGGATGGTCTGAAGCATTTGCTGGAGACAGGGCCTCGGTCA
ACGCACCCCGGATCCCTGCAAGCAGTCGCCTGTCCACTTAGCCGCAGGAAGCGCCTTGCTTGTCTTCT
TCTCTGGCAGCTGCAAACGGGCGCTGACCTCAACCAGCAGGATGTTTTAGGAGAAGCTCCACTACACAAG
GCAGCAAAAGTTGGAAGCCTGGAGTGCCTAAGCCTGCTTGTAGCCAGTGATGCCCAAATTGATTTATGTA
ATAAGAACGGGCAAACAGCTGAAGATCTCGCTTGGTCATGTGGATTTCCAGACTGTCCAAGTTTCTTAC
AACAATTAATGTATGCAGACAATAAAGCAAGTGAACACCCTGACAGGAATGATTGTGTGCGCGTGCTC
AGACAGAAACGGAGTCTCGGAAGTGTAGAAAATACCAGTGGGAAAAGGAAGTGCTGA



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_181726 unedited
 ATACGACTCACTATAGGCGGCCGCGNAATTGCGACGAGGGTCGTTGAGGATTAGGCTGCT
 CGGGCGTAACCGGAGCTGGGGCGCGGCTGCCAAGGCCGGCCCGGAAGTCCCAGCGGTCTT
 TAAATTCTCCCGTGCTAGGGCCAGCCTGCGCATTCTTACCTGTCGGGGTGCGGCGAGTGT
 CTCACCTCTCTGCACTTCCAAGGACTCTTGTCATCTGCCTTAGGCGGGAATGCTGTTGC
 TGGATTGCAACCCCGAGGTGGATGGTCTGAAGCATTGCTGGAGACAGGGGCCTCGGTCA
 ACGCACCCCGGATCCCTGCAAGCAGTCGCCTGTCCACTTAGCCGCAGGAAGCGGCCTTG
 CTTGCTTTCTTCTCTGGCAGCTGCAACGGGCGCTGACCTCAACCAGCAGGATGTTTTAG
 GAGAAGCTCCACTACACAAGGCAGCAAAAGTTGGAAGCCTGGAGTGCCTAAGCCTGCTTG
 TAGCCAGTGATGCCAAATTGATTTATGTAATAAGAACGGGCAACAGCTGAAGATCTCG
 CTTGGTCATGTGGATTTCCAGACTGTGCCAAGTTTCTTACAACAATTAATGTATGCAGA
 CAATAAAGCAAGTGAACACCCTGACAGGAATGATTGTGTTGCCGTGCTCAGACAGAAAC
 GGAGTCTCGGAAGGTAGAAAAATACCAGTGGGAAAAGGAAGTGTGGTAAGTAACCTAGA
 GCTGCTGCTTTTTCTCCCGCAGTGATCTCTGTTTGCATAGCATTATTATTCCATTT
 AATACTGACACTCGTATTTCTAGCAGTATTGGTTCATTCTCATTAACTTTTAGTACTGG
 TTATATTTACCACAGTCTANAGCAAAAATGGGACTGCATGGGGAACGTTGGGGATAAAA
 CTCTTTCTAAAAAAGTTTTATGTTTACGTGNTTTN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_181726 unedited
 AAGNCACTGGGNGAGGGTACAGGGNATGCCACCCGGGATCTGTTCAAGGAAACAGCTAT
 GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTGGAGAGTCTT
 GCTGTGTCGCCAGGCTGGAGTGGGTGGCATGATCTCGGCTCAGTCAAGCTCCGTCTC
 CCAGGTTTCATGCCATTCTCCTGCCTCAGCAGGAGCTGGGACTACAGGCGCCTGCCACCA
 GCCCAGCCATTTTTTTTGTATTTTTTTAGTANAGACAGGTGTGGTGTGGGCGCCTATCA
 CCTTGGCTATTTGGGAGGCTGAGGCAGGGGAATCACCTGAACCCGNGAGCCNAGTTGC
 ANTGAGCTGAAATGGCGCCGTTGCACCCACCCTGGGCGNCCNGANTGAAATTCACCTC
 CCAAAAAAGTTTTTAATGTGTGNTNNTCCACTCTNTTATNTCCTCCCTTTACTAANGTCG
 TTGTCTTCAAACACCCGCGCCATATCTCCCCCATANAATCGCTCCCCACAGCTCCCG
 CCGCAATCCCCCGGCGCCGATAATCCCCCCCCACCCGGCGCATATAACGGTGCC
 CCCNCCGCTCATACCCCGCCCCGCCCATACCCCAAAAAATCCCCCTATGTCCAGG
 AAAAAACACCCCGCCCCCCCCAAAAATCATAGACCCCGGGGCCAAAAACNCGGGGCC
 GCAGAAACCGGGCGGTTATTTAAAAAAACAGACAACAAGACCGGGCGGCGATAAATACC
 ACCCCCCAAATCCGCGTCNTTACCCCGTTCTCCGACCGGGATATTTCCCAGACGAG
 GGGGGAGGAGAAAGACGGA

Restriction Sites:

NotI-NotI

ACCN:

NM_181726

Insert Size:

3900 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).

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_181726.1, NP_859077.1</u>
RefSeq Size:	941 bp
RefSeq ORF:	477 bp
Locus ID:	353322
UniProt ID:	<u>Q7Z713</u>
Cytogenetics:	4q35.1
Protein Families:	Druggable Genome