

Product datasheet for RN201748

Ankrd54 (NM_001025285) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd54 (NM_001025285) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd54
Synonyms:	RGD1309552
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201748 representing NM_001025285 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCCACCGCGGGGGCGGGAGGACGAGTCGCGATCCGGCCGCTCGAGCTCCGAGGGCGAGTGCG
CGGTGGCGCCGGAGCCTCTGGCGGAAGCCGGAGGCCTGTTCTCCTTTGCGGACCTCGGCGCTGCACTGGG
CAGCGGCGCAGGCCTCCCGGGTCGGGCGGTGGGAGGGCCAGTCCCGCTGCGTACCTCCAAGTCCTG
TGGCAGCAGGACGTCGAGCCTCGCGACGAAGTTCGTTGCAAGATCCCGCCGGCGGCTGAGGCGTGCAG
CCAGGCCACCGACGGCTCGGGCCACCGGCAAAGAGGTGCACGCTCTGAAGAGGCTGAGGACTCAGC
TAATGCCAATGACATAGAAACAGTGCAGCAGCTTCTGGAAGATGGTGCGGATCCCTGCGCAGCTGATGAC
AAAGGCCGAACAGCCCTCCATTTGCTTCTGCAATGGCAATGACCAGATTGTGCAGCTTCTCCTGGACC
ATGGGGCCGACCCCAACCAACAGGATGGTCTGGGCAACACCCATTGCACCTGGCGGCTGCACCAACCA
TGTTCTGTATCACCACACTGCTTCGAGGAGGGGCCGTGTAGATGCCCTAGACAGAGCTGGCCGACG
CCCCTACACCTGGCCAAGTCGAAACTGAACATCCTGCAGGAGGGTCATTCTCAGTGCCTGGAAGCCGTC
GCCTAGAGGTGAAGCAGATCATCCATGCTACGGGAGTACCTGGAGCGCTTGGGGCGACATGAACAGCG
TGAACGGCTAGATGACCTCTGTACCCGCTCCAGATGACAAGTACCAAAGAACAGGTGGATGAAGTGACG
GACCTCTGGCCAGCTTACCTCCCTCAGTCTGCAGATGCAGAGTATGGAGAAGAGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001025285
Insert Size:	900 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).
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_001025285.1</u> , <u>NP_001020456.1</u>
RefSeq Size:	1938 bp
RefSeq ORF:	900 bp
Locus ID:	362957
UniProt ID:	<u>Q566C8</u>
Cytogenetics:	7q34
Gene Summary:	Plays an important role in regulating intracellular signaling events associated with erythroid terminal differentiation.[UniProtKB/Swiss-Prot Function]