

Product datasheet for **RN209769**

Ankrd42 (NM_001135013) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd42 (NM_001135013) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd42
Synonyms:	RGD1310789
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209769 representing NM_001135013
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGACCACACTACGCCTGGTGTGTCTAATCCAGGTCCTCCAAGTCTGTAGGGAGACTGCAGACT
 CAAGTTCAGGAACAAGGTGCCCTTTGGTAGCATACATGACGCAGTACGGGCTGGCGACGTC AAGCAGCT
 TTCAGACATCGTGAACGTTGAGGCCAACGTTAATGAAGTGGATGCGCTCCATCAGTTTACTCCTTTACAT
 TGGGCTGCACATTCTGGAAGTTTAGAGTGCCTTACTGGCTACTCTGGAATGGTGC GGATGCCACACAGA
 CAACTACAAGGGGATGGACAGCAGCTCACGTAGCTGCCATCCGGGGTCAGGATGCCTGCTGCAGGCTCT
 TATAATCAATGGAGCCAACCTAGCAACTCAAGATGACCGTGGATGCACTCCAGTACACCTTGCTGCCACT
 CACGGACACTCTTTTCTTTACAAGTAATGCTGCGAAGTGGAGTGGATCCCAGCGTACTGACAAGAGAG
 AATGGAGACCTGTGCATTATGCAGCTTTTCATGGGCGGCTTGGCTGCTTGCAACTCTTGTCAAATGGGG
 ATGTGGCATAGAAGACGTGGACTACAATGAAAACCTTCCCGTTCACTTAGCAGCCATGGAAGGCCACCTC
 CATTGTTTTAAGTTCCTACTGAGTAGAGTGAACAGTGCAGTACAAGCCTTGAAAGCCTTCAATGATAATG
 GAGAAAATGTA CTGGACCTGGCACATCGGTTCTTAAAACAGAACATTGTACAGTTTATTCAGGGGCTGA
 GTATGAAGGAAGCCATTTAGATGATCAGGATGATTTAGCCTTTCCAGGCCATGTGGCTGCCTTTAAGGGT
 GATTTAGAAATGCTTAAGAACTGATAGACGATGGGGTAATTAATCTGAATGAACGTGATGAAAATGGAT
 CACTCCCATGCATAAAGCTGCTGGACAGGGCCACATCGATTGTTTGCAGTGGTTAGTTGAAATGGGAGC
 TGACAGCAATATTACCAACAAAGCAGGAGAGACCCAGCGATGTGGCTAAGAGATTTGCCATTTGGCA
 GCAGTGA AACTCTTAGAGGGCTACAGAAATATGAGATAGATGACATTGAAGGTGATAAAAATCATATAA
 GTTTTTTTCATAAGGCATGGTGTGAAGGAAGCACCGATGCCAAGGATGACTTAAGTCTGAGTGAATCAGA
 CAAAGCGAACCCAGAATGAGAGCTCATAAGAAAATTGTAGAATTGAGACAACCTTCTGGAATCGCTGAG
 AGCAACTTTAAACACTTGGGTGGGATAACAGAAGAGGATCTAAAGCAGAAGAAAGAACTACTGGAGTCTA
 AGAAGACCATCACAGAGCTGCAGGAGCAGCTGGCCTATGAGCGACTCCGCAGGGAGAAGTTAGAGTGTCA
 ACTGGATGAGTACCGAGTGAAGTGAATCAACTCAAGGAAGCGCTGGAGAAAATCCAGGTCCCCAGTGCT
 GAGGCTATGGAAGATGACTCCTGTGAATATAGCAAAGAGAAGAGGCGAATGAAAAAAAAAACTCTCCTG
 GGGCATGTTTGTGAGAAGGTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001135013

Insert Size: 1566 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: [NM_001135013.1](#), [NP_001128485.1](#)

RefSeq Size: 2774 bp

RefSeq ORF: 1566 bp

Locus ID: 293117

Cytogenetics: 1q32