

Product datasheet for **SC120886**

ANKRD13A (NM_033121) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD13A (NM_033121) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD13A
Synonyms:	ANKRD13; NY-REN-25
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_033121, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTCGGCCCTGCGACGCGGGCGACCACTACCCCTGCACCTCCTAGTCTGGAAAAACGACTACCGGC
AGCTCGAGAAAGGAGCTGCAGGGCCAGAATGTGGAGGCTGTGGACCCACGAGGTGCAACATTATTGCATCT
TGCTGTTTCTTTGGGACATTTGGAATCTGCTCGAGTCTTACTCCGACATAAAGCAGATGTGACAAAAGAA
AATCGCCAGGGATGGACAGTTTTACATGAGGCTGTGAGCACTGGCGATCCTGAGATGGTGTACACAGTTC
TCCAACATCGAGACTACCACAACACATCCATGGCCCTTGAGGGAGTTCTGAGCTGCTCCAAAAAATTCT
CGAGGCTCCGGATTTCTATGTGCAGATGAAATGGGAATTCACCAGCTGGGTGCCCTTGGTTTCTAGAATA
TGCCCAAATGATGTCTGTCGCATCTGGAAAAGTGGTGCCAACTGCGCGTCGATATCACATTGCTGGGAT
TTGAAAACATGAGCTGGATAAGAGGGAGGCGTAGTTTTATTTAAGGGAGAAGACAACCTGGGCGGAGTT
AATGGAAGTCAACCATGATGACAAAGTGGTCACCACCGAACGCTTCGACCTTTCCAAGAAATGGAGCGC
CTCACTCTGGACTTGATGAAGCCAAAAAGCAGGGAAGTTGAGCGCGGCTCACAAGCCCTGCTTAACA
CCAGCCTCGATACTAAAAATTTGCTTTTGAAGAATAAATCCGGATTCTGGGGCTGGAGGACAGATAA
AGCAGAAGTTGTTAATGGTTACGAAGCAAAGTTTACACAGTAAACAATGTGAATGTGATACCAAATAA
CGCACAGAACATCTGACCGAGGAGGAAAAAAGAGATATAAAGCAGACAGGAACCCGCTGGAATCTTTGC
TGGGAAGTGTGGAACACCAATTTGGTGCACAAGGGGACCTCACCACGGAATGTGCTACTGCAAAACACCC
CACAGCCATCACGCTGATGAGTACTTCAATGAAGAGTTTGTGATCTGAAAGACAGGGACATTGGAAGGCCG
AAAGAGCTGACGATTAGAACACAGAAGTTAAAGCAATGTTGTGGATGTGTGAAGAGTTTCCCTCTCTC
TGGTGGAGCAGGTCATTTCCATCATTGACCTAATGGCTCGAACGAGTGTCTATTTGCAAGACTGAGAGA
TTTCATCAAATTGGAATTTCCACCTGGATTTCTGTCAAATAGAAATCCCTTGTTCATGTCTTAAAT
GCACGATTACATTTGGAATTTAAATGGCTGTAGCACTGCCGAAGAATCTGTATCTCAAATTTGGAAG
GGACCCAGGCTGATTCAGCTTCCACATCACAACCTTTGAGGTTGATCAATCTGTGTTTGAATTTCCGA
ATCTTACTATGTTCAAGCAATGGCAGAAATGTGCATTTGCAAGATGAAGATTACGAGATATGCAGTTT
GCCATCCAGCAAAGTCTGCTGGAGTCCAGCAGGAGCCAGGAATTTGAGGACAGCTTCGAATGGAGGGA
TCAGCCAGACAAACACCTATGACGCCAGTATGAGAGGGCCATCCAGGAGAGCCTCCTCACCAGCACAGA
AGGCTGTGCCCCAGCGCCCTGAGCGAGACAAGCCGTTTTGATAATGACTTGACGCTAGCCATGGAGCTC
TCTGCCAAAGAGCTGGAGGAATGGGAGCTCCGGCTCCAGGAGGAAGAGGCTGAGCTCCAGCAAGTCTTAC
AGCTGTCACCTACTGACAAATAG
    
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5' Read Nucleotide Sequence: >OriGene 5' read for NM_033121 unedited

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GCCGCGAATTCGGCACGAGGCGAGCTGTGAGCGCGGGCGGGAACGCCGCGGGGCGCGGGG
TGGGCGCGGCCGACCTGGTCCCTGAGCCGGCGGGCAGCCCGGACCTCCCGCGCGCCCGC
CACCCGACCGGCTCAGCCGGCCGGCAGCGTAACACGCCCTACGCTCGCTTGTCTGCCGGC
CTCAGGGCAGGCAGGCGGGCGGGGAGACCCCGGGGGCCGAGACTTGGGGCGGGCGGAC
GAGGACCAGGTTACGGCCTCCTGCCATGTCTCGGCCTGCGACGCGGGGACCACTACC
CCCTGCACCTCCTAGTCTGGAAAAACGACTACCCGCGAGCTCGAGAAGGAGCTGCAGGGCC
AGAATGTGGAGGCTGTGGACCCACGAGGTGCAACATTATTGCATCTTGCTGTTTCCCTGG
GACATTTGGAATCTGCTCGAGTCTTACTCCGACATAAAGCAGATGTGACAAAAGAAAATC
GCCAGGGATGGACAGTTTTACATGAGGCTGTGAGCACTGGCGATCCTGAGATGGTGTACA
CAGTTCTCCAACATCGAGACTACCACAACACATCCATGGCCCTTGAGGGAGTTCTGAGC
TGCTCCAAAAAATTTCTGAGGCTCCGGATTTCTATGTGCAGATGAAATGGGAATTCACCA
GCTGGGTGCGCCTTGGTTCTAGAATATGCCCGAATGATGTCTGTGCGATCTGAAAA
    
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Restriction Sites: NotI-NotI

ACCN: NM_033121

Insert Size: 4200 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:	<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:	NM_033121.1 , NP_149112.1
RefSeq Size:	3917 bp
RefSeq ORF:	1773 bp
Locus ID:	88455
UniProt ID:	Q8IZ07
Cytogenetics:	12q24.11
Gene Summary:	Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Does not bind 'Lys-48'-linked ubiquitin. Positively regulates the internalization of ligand-activated EGFR by binding to the Ub moiety of ubiquitinated EGFR at the cell membrane. [UniProtKB/Swiss-Prot Function]