

Product datasheet for **RC231437**

ANKRD28 (NM_001195098) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD28 (NM_001195098) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ANKRD28
Synonyms:	CFAP79; FAP79; PITK; PPP1R65
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC231437 representing NM_001195098
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

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Protein Sequence: >RC231437 representing NM_001195098
Red=Cloning site Green=Tags(s)

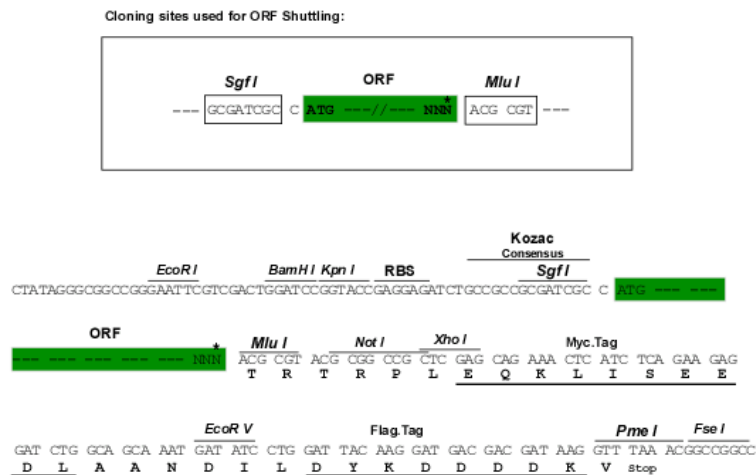
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TGKTPLMAAENGQTNTEMLVSSASAELTLQDNSKNTALHLACSKGHETSALLILEKITDRNLINATNA
ALQTPLHVAARGLTMVVQELLGKGASVLAVDENGYPALACAPNKDVADCLALILATMMPVSSSSPLSS
LTFNAINRYTNTSKTVSFEALPIMRNEPSSYCSFNNIGGEQEYL YTDVDELNDSDSETY

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Restriction Sites:

SgfI-MluI

Cloning Scheme:

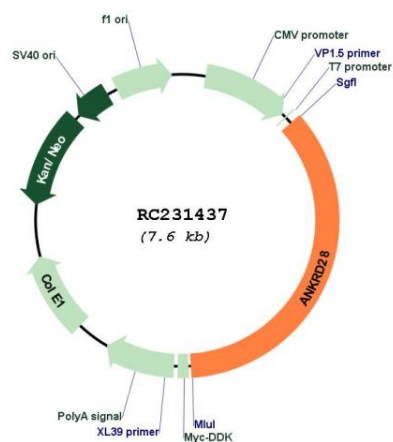


* The last codon before the Stop codon of the ORF

ACCN: NM_001195098

ORF Size:	2697 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001195098.1 , NP_001182027.1
RefSeq ORF:	2700 bp
Locus ID:	23243
UniProt ID:	O15084
Cytogenetics:	3p25.1
MW:	96.6 kDa
Gene Summary:	Putative regulatory subunit of protein phosphatase 6 (PP6) that may be involved in the recognition of phosphoprotein substrates. Involved in the PP6-mediated dephosphorylation of NFKBIE opposing its degradation in response to TNF-alpha. Selectively inhibits the phosphatase activity of PPP1C. Targets PPP1C to modulate HNRPK phosphorylation. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC231437