

## Product datasheet for **RC223862**

### **ANKS3 (NM\_133450) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ANKS3 (NM_133450) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ANKS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC223862 representing NM\_133450  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

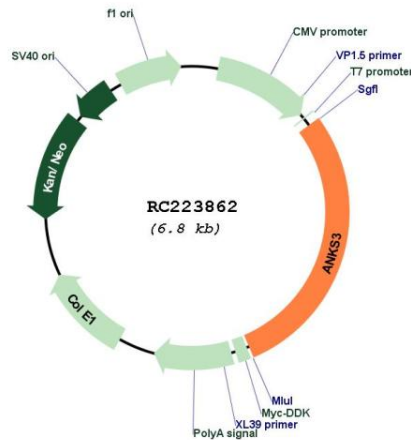
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 TGGCATCAGCTGTTTGGGCCCAAGAGGAAGATGACGTCCGCCATTGCCCGTGGCACAGCAGTGCCCGC  
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 CTGGCAAGCGTCCCTGCAGGCCATGAGCCTCCCGAGCTCTCGGGAGCCCTGGAGACCGTGTCCGTGAG  
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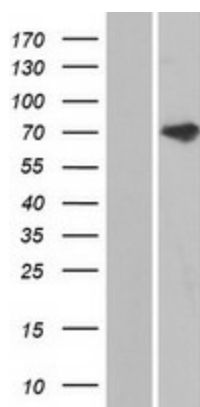


- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul 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\\_133450.4](#)
- RefSeq Size:** 2663 bp
- RefSeq ORF:** 1971 bp
- Locus ID:** 124401
- UniProt ID:** [Q6ZW76](#)
- Cytogenetics:** 16p13.3
- MW:** 71.9 kDa
- Gene Summary:** May be involved in vasopressin signaling in the kidney.[UniProtKB/Swiss-Prot Function]

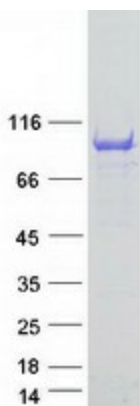
**Product images:**



Circular map for RC223862



Western blot validation of overexpression lysate (Cat# [LY408790]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC223862 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ANKS3 protein (Cat# [TP323862]). The protein was produced from HEK293T cells transfected with ANKS3 cDNA clone (Cat# RC223862) using MegaTran 2.0 (Cat# [TT210002]).