

## Product datasheet for MG207888

## Ank (BC054379) Mouse Tagged ORF Clone

## **Product data:**

ACCN:

**ORF Size:** 

Product Type:	Expression Plasmids
Product Name:	Ank (BC054379) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ank
Synonyms:	ank; Ankh; D15Ertd221e; mKIAA1581
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	Cioning sites used for ORF Shuttling:

Hind III

BC054379

1478 bp

**OriGene Technologies, Inc.** 

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn



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ORF

RBS 

Mlul

ACG CGT

Kozac Sgf I

Asc I

GFP Tag

Sgfl

EcoR I

Nhe I Rsr II

CGATCGC

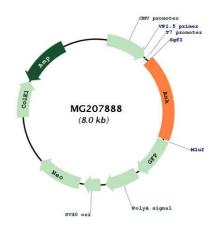
BamH I Kpn I

 
 Hind III
 Nhe I
 Rsr II
 Mlu I
 Not I
 Xho I
 GEP Tag

 CAAGCTTAACTAGCGACCG
 ACG
 CGT
 CGT
 CGC
 CCC
 GAG
 ATG
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<b>ORIGENE</b> Ank (BC054379) Mouse Tagged ORF Clone – MG207888	
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. <u>More info</u>
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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>BC054379</u> , <u>AAH54379</u>
RefSeq Size:	3468 bp
RefSeq ORF:	1478 bp
Locus ID:	11732
Cytogenetics:	15 10.23 cM
Gene Summary:	Regulates intra- and extracellular levels of inorganic pyrophosphate (PPi), probably functioning as PPi transporter.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MG207888

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