

Product datasheet for RC207739L2

OriGene Technologies, Inc.

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YANK2 (STK32B) (NM_018401) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: YANK2 (STK32B) (NM_018401) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: YANK2

Synonyms: HSA250839; STK32; STKG6; YANK2

Mammalian Cell None

Selection:

Vector:pLenti-C-mGFP (PS100071)E. coli Selection:Chloramphenicol (34 ug/mL)

2. con beleation (5.1 a8,1112)

Sequence:

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC207739).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_018401

ORF Size: 1242 bp





YANK2 (STK32B) (NM_018401) Human Tagged Lenti ORF Clone - RC207739L2

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.

RefSeq: <u>NM 018401.1</u>

 RefSeq Size:
 3224 bp

 RefSeq ORF:
 1245 bp

 Locus ID:
 55351

 UniProt ID:
 Q9NY57

 Cytogenetics:
 4p16.2

Domains: pkinase, TyrKc, S TKc

Protein Families: Druggable Genome, Protein Kinase

MW: 47.8 kDa

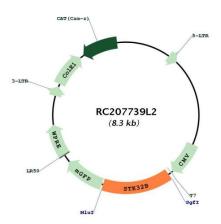
Gene Summary: This gene encodes a serine-threonine protein kinase. Serine-threonine kinases transfer

phosphate molecules to the oxygen atoms of serine and threonine. A genomic deletion affecting this gene has been associated with Ellis-van Creveld syndrome, an autosomal recessive skeletal dysplasia. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Sep 2016]



Product images:



Circular map for RC207739L2