

Product datasheet for RC214537L3

OriGene Technologies, Inc.

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FYB (FYB1) (NM_001465) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: FYB (FYB1) (NM_001465) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: FYB1

Synonyms: ADAP; FYB; PRO0823; SLAP-130; SLAP130; THC3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

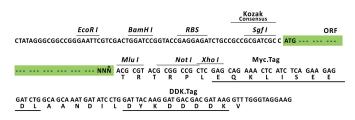
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC214537).

Sgfl-Mlul

Sequence:

nce:

Restriction Sites: Cloning Scheme:



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

ACCN: NM_001465

ORF Size: 2487 bp





FYB (FYB1) (NM_001465) Human Tagged Lenti ORF Clone - RC214537L3

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 001465.3</u>

 RefSeq Size:
 4858 bp

 RefSeq ORF:
 2490 bp

 Locus ID:
 2533

 UniProt ID:
 015117

Cytogenetics: 5p13.1

Domains: SH3

Protein Families: Druggable Genome

MW: 90.7 kDa

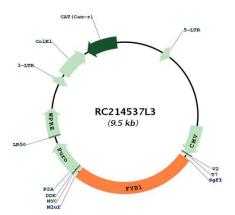
Gene Summary: The protein encoded by this gene is an adapter for the FYN protein and LCP2 signaling

cascades in T-cells. The encoded protein is involved in platelet activation and controls the expression of interleukin-2. Three transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Jul 2011]



Product images:



Circular map for RC214537L3