

Product datasheet for MR215747L3

Synj2bp (NM_025292) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Synj2bp (NM_025292) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Synj2bp

Synonyms: AA409442; ActRIP4; ARIP2; D12Wsu118e; OMP25

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(MR215747).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_025292

ORF Size: 435 bp



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Synj2bp (NM_025292) Mouse Tagged Lenti ORF Clone - MR215747L3

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 025292.6</u>, <u>NP 079568.1</u>

RefSeq Size: 10398 bp RefSeq ORF: 438 bp

Locus ID: 24071

UniProt ID: Q9D6K5

Cytogenetics: 12 37.73 cM

Gene Summary: Isoform 1 regulates endocytosis of activin type 2 receptor kinases through the Ral/RALBP1-

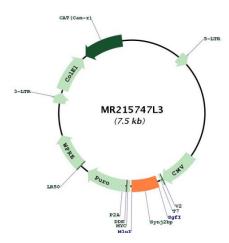
dependent pathway and may be involved in suppression of activin-induced signal

transduction. Isoform 2 and isoform 3 show a stimulatory affect on activin-induced signal transduction and enhance activin type 2 expression at the cell surface.[UniProtKB/Swiss-Prot

Function]



Product images:



Circular map for MR215747L3