

Product datasheet for RC210943

OriGene Technologies, Inc.

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Gamma taxilin (TXLNG) (NM_018360) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Gamma taxilin (TXLNG) (NM_018360) Human Tagged ORF Clone

Tag: Myc-DDK

Symbol: Gamma taxilin

Synonyms: CXorf15; ELRG; FIAT; LSR5; TXLNGX

Mammalian Cell Neomycin

Selection:

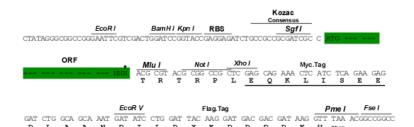
Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:





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

ACCN: NM_018360

ORF Size: 1584 bp



Gamma taxilin (TXLNG) (NM_018360) Human Tagged ORF Clone - RC210943

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.

Q9NUQ3

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 018360.1, NM 018360.2, NP 060830.1, NP 060830.2</u>

RefSeq Size:4418 bpRefSeq ORF:1587 bp

Locus ID: 55787

UniProt ID:

Cytogenetics: Xp22.2

MW: 60.6 kDa

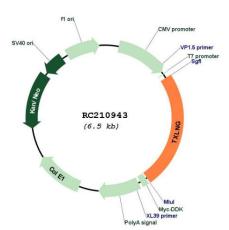
Gene Summary: This gene encodes a member of the taxilin family. The encoded protein binds to the C-

terminal coiled-coil region of syntaxin family members 1A, 3A and 4A, and may play a role in intracellular vesicle trafficking. This gene is up-regulated by lipopolysaccharide and the gene product may be involved in cell cycle regulation. The related mouse protein was also shown to inhibit activating transcription factor 4-mediated transcription and thus regulate bone mass accrual. Alternatively spliced transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Dec 2009]



Product images:



Circular map for RC210943