

Product datasheet for RC202296L3

OriGene Technologies, Inc.

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Gemin 6 (GEMIN6) (NM_024775) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Gemin 6 (GEMIN6) (NM_024775) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Gemin 6
Mammalian Cell Puromycin

Selection:

Furomycin

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

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

ORF Nucleotide

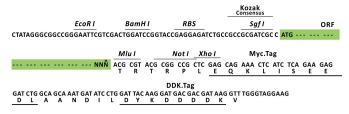
The ORF insert of this clone is exactly the same as(RC202296).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_024775

ORF Size: 501 bp



Gemin 6 (GEMIN6) (NM_024775) Human Tagged Lenti ORF Clone - RC202296L3

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 024775.9</u>

RefSeq Size: 705 bp
RefSeq ORF: 504 bp
Locus ID: 79833
UniProt ID: Q8WXD5

Cytogenetics: 2p22.1

Protein Families: Druggable Genome, Stem cell - Pluripotency

MW: 18.9 kDa

Gene Summary: GEMIN6 is part of a large macromolecular complex, localized to both the cytoplasm and the

nucleus, that plays a role in the cytoplasmic assembly of small nuclear ribonucleoproteins (snRNPs). Other members of this complex include SMN (MIM 600354), GEMIN2 (SIP1; MIM 602595), GEMIN3 (DDX20; MIM 606168), GEMIN4 (MIM 606969), and GEMIN5 (MIM 607005).

[supplied by OMIM, Jul 2002]