

Product datasheet for RC223007L3

C1R (NM_001733) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: C1R (NM_001733) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: C1R

Synonyms: EDSPD1

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(RC223007).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_001733

ORF Size: 2115 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

C1R (NM_001733) Human Tagged Lenti ORF Clone - RC223007L3

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 001733.4</u>

RefSeq Size: 2526 bp RefSeq ORF: 2118 bp Locus ID: 715

 UniProt ID:
 P00736

 Cytogenetics:
 12p13.31

Domains: CCP, CUB, Tryp_SPc, EGF_CA, EGF **Protein Families:** Druggable Genome, Protease

Protein Pathways: Complement and coagulation cascades, Systemic lupus erythematosus

MW: 80 kDa

Gene Summary: This gene encodes a member of the peptidase S1 protein family. The encoded protein is a

proteolytic subunit in the complement system C1 complex. The complement system acts as a mediator in the innate immune response by ultimately triggering phagocytosis, inflammation, and rupturing the bacterial cell wall. Mutations in this gene are associated with Ehlers-Danlos

Syndrome. [provided by RefSeq, Dec 2018]