

Product datasheet for RC208252L2

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

OriGene Technologies, Inc.

CECR1 (NM_017424) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CECR1 (NM_017424) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: CECR1

Synonyms: ADA2; ADGF; IDGFL

Mammalian Cell None

Selection:

Vector: pLenti-C-mGFP (PS100071)

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

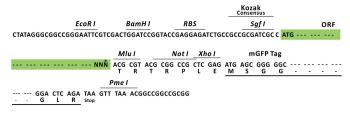
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC208252).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_017424

ORF Size: 1533 bp





CECR1 (NM_017424) Human Tagged Lenti ORF Clone - RC208252L2

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 017424.2</u>, <u>NP 059120.2</u>

 RefSeq Size:
 3947 bp

 RefSeq ORF:
 1535 bp

 Locus ID:
 51816

 Cytogenetics:
 22q11.1

Domains: A_deaminase

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

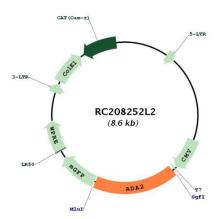
MW: 58.9 kDa

Gene Summary: This gene encodes a member of a subfamily of the adenosine deaminase protein family. The

encoded protein is one of two adenosine deaminases found in humans, which regulate levels of the signaling molecule, adenosine. The encoded protein is secreted from monocytes undergoing differentiation and may regulate cell proliferation and differentiation. This gene may be responsible for some of the phenotypic features associated with cat eye syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]



Product images:



Circular map for RC208252L2