

Product datasheet for RC216432L3

OriGene Technologies, Inc.

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CD32 (FCGR2C) (NM_201563) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CD32 (FCGR2C) (NM_201563) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CD32

Synonyms: CD32; CD32C; CDW32; FCG2; FCRIIC; IGFR2

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(RC216432).

Sequence:

nce:

Sgfl-Mlul

Restriction Sites: Cloning Scheme:





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

ACCN: NM_201563

ORF Size: 969 bp





CD32 (FCGR2C) (NM_201563) Human Tagged Lenti ORF Clone - RC216432L3

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 201563.2</u>

 RefSeq Size:
 1005 bp

 RefSeq ORF:
 972 bp

 Locus ID:
 9103

 UniProt ID:
 P31995

Cytogenetics:

Protein Families: ES Cell Differentiation/IPS, Transmembrane

1q23.3

Protein Pathways: Fc gamma R-mediated phagocytosis, Systemic lupus erythematosus

MW: 35.4 kDa

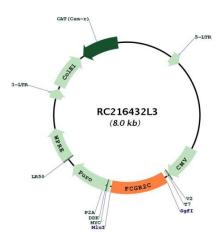
Gene Summary: This gene encodes one of three members of a family of low-affinity immunoglobulin gamma

Fc receptors found on the surface of many immune response cells. The encoded protein is a transmembrane glycoprotein and may be involved in phagocytosis and clearing of immune complexes. An allelic polymorphism in this gene results in both coding and non-coding

variants. [provided by RefSeq, Apr 2012]



Product images:



Circular map for RC216432L3