

Product datasheet for MR228275

Clec9a (NM_001205365) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: Myc-DDK

Symbol: Clec9a

Synonyms: 9830005G06Rik; DNGR-1

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-Entry (PS100001)

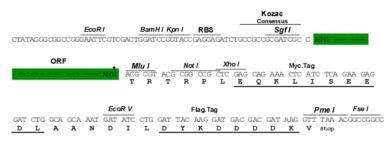
E. coli Selection: Kanamycin (25 ug/mL)

Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:





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

ACCN: NM_001205365

ORF Size: 516 bp



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um

filter is required.

RefSeq: <u>NM_001205365.1</u>, <u>NP_001192294.1</u>

RefSeq Size: 2945 bp

RefSeq ORF: 519 bp

Locus ID: 232414

UniProt ID: Q8BRU4

Cytogenetics: 6 F3

MW: 19.7 kDa

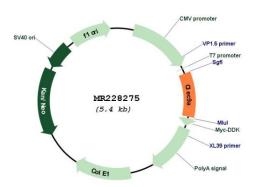
Gene Summary: Functions as an endocytic receptor on a small subset of myeloid cells specialized for the

uptake and processing of material from dead cells. Recognizes filamentous form of actin in association with particular actin-binding domains of cytoskeletal proteins, including spectrin, exposed when cell membranes are damaged, and mediate the cross-presentation of dead-

cell associated antigens in a Syk-dependent manner.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR228275