

Product datasheet for RC210045L3

CD6 (NM_006725) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CD6 (NM_006725) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CD6

TP120 Synonyms:

Mammalian Cell Puromycin

Selection:

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

Sgfl-Notl

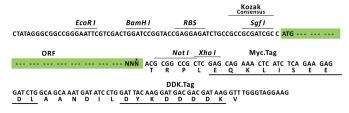
E. coli Selection: Chloramphenicol (34 ug/mL)

The ORF insert of this clone is exactly the same as(RC210045). **ORF Nucleotide**

Sequence:

Restriction Sites: Cloning Scheme:

> Cloning sites used for ORF Shuttling: ORF Safl Not I GCG ATC GC ATG ---//--- NNN AC G CGG CCG C TC



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

ACCN: NM_006725

ORF Size: 2004 bp



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OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at customport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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: NM 006725.2, NP 006716.2

RefSeq Size: 3248 bp
RefSeq ORF: 2007 bp
Locus ID: 923
UniProt ID: P30203

Cytogenetics: 11q12.2

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs)

MW: 71.7 kDa

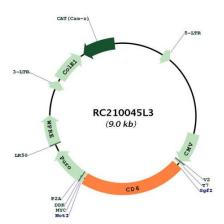
Gene Summary: This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some

other immune cells. The encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. This gene may be associated with susceptibility to multiple sclerosis (PMID: 19525953, 21849685). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec

2011]



Product images:



Circular map for RC210045L3