

Product datasheet for RC220942L2

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OriGene Technologies, Inc.

CT45A2 (NM_152582) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CT45A2 (NM_152582) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: CT45A2

Synonyms: CT45-2; CT45A8; CT45A9

Mammalian Cell None

Selection:

Vector:pLenti-C-mGFP (PS100071)E. coli Selection:Chloramphenicol (34 ug/ml

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC220942).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_152582

ORF Size: 567 bp



CT45A2 (NM_152582) Human Tagged Lenti ORF Clone - RC220942L2

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 152582.3</u>

 RefSeq Size:
 1032 bp

 RefSeq ORF:
 570 bp

 Locus ID:
 728911

 UniProt ID:
 Q5D[T8]

 Cytogenetics:
 Xq26.3

MW: 21.1 kDa

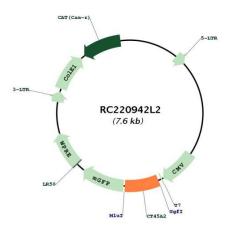
Gene Summary: This gene represents one of a cluster of several similar genes located on the q arm of

chromosome X. The genes in this cluster encode members of the cancer/testis (CT) family of antigens, and are distinct from other CT antigens. These antigens are thought to be novel

therapeutic targets for human cancers. [provided by RefSeq, Apr 2014]



Product images:



Circular map for RC220942L2