

Product datasheet for RR210145L3

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OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Taar3 (NM_001009532) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Taar3 (NM_001009532) Rat Tagged Lenti ORF Clone

Tag: Myc-DDK

Mammalian Cell Puromycin

Selection:

Vector:

Symbol:

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

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

Taar3

ORF Nucleotide The ORF insert of this of

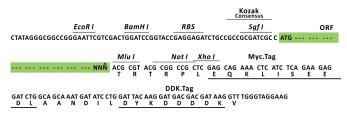
Sequence:

The ORF insert of this clone is exactly the same as(RR210145).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001009532

ORF Size: 1026 bp



Taar3 (NM_001009532) Rat Tagged Lenti ORF Clone - RR210145L3

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 001009532.1</u>, <u>NP 001009532.1</u>

 RefSeq Size:
 1029 bp

 RefSeq ORF:
 1029 bp

 Locus ID:
 494319

 UniProt ID:
 050D24

Cytogenetics: 1p12

Gene Summary: Olfactory receptor activated by several primary trace amines, including isoamylamine.

Activated by isoamylamine and cyclohexylamine, but not to the corresponding alcohols, isoamylalcohol and cyclohexanol. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase (By similarity).[UniProtKB/Swiss-Prot Function]