

Product datasheet for RC226914L3V

OriGene Technologies, Inc.

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VGLUT3 (SLC17A8) (NM 001145288) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: VGLUT3 (SLC17A8) (NM_001145288) Human Tagged ORF Clone Lentiviral Particle

Symbol: VGLUT3

Synonyms: DFNA25; VGLUT3

Mammalian Cell

Selection:

Puromycin

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

Tag: Myc-DDK

ACCN: NM_001145288

ORF Size: 1617 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC226914).

Sequence:

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.

RefSeg: NM 001145288.1

 RefSeq ORF:
 1620 bp

 Locus ID:
 246213

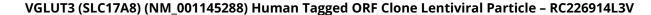
 UniProt ID:
 Q8NDX2

 Cytogenetics:
 12q23.1

Protein Families: Transmembrane

MW: 58.9 kDa







Gene Summary:

This gene encodes a vesicular glutamate transporter. The encoded protein transports the neurotransmitter glutamate into synaptic vesicles before it is released into the synaptic cleft. Mutations in this gene are the cause of autosomal-dominant nonsyndromic type 25 deafness. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]