

Product datasheet for RC209560L4V

OriGene Technologies, Inc.

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OA1 (GPR143) (NM_000273) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: OA1 (GPR143) (NM_000273) Human Tagged ORF Clone Lentiviral Particle

Symbol: OA1

Synonyms: NYS6; OA1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_000273 **ORF Size:** 1212 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC209560).

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 000273.2

 RefSeq Size:
 1711 bp

 RefSeq ORF:
 1215 bp

 Locus ID:
 4935

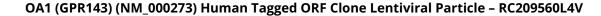
 UniProt ID:
 P51810

Cytogenetics: Xp22.2

Protein Families: Druggable Genome, Transmembrane

MW: 43.9 kDa







Gene Summary:

This gene encodes a protein that binds to heterotrimeric G proteins and is targeted to melanosomes in pigment cells. This protein is thought to be involved in intracellular signal transduction mechanisms. Mutations in this gene cause ocular albinism type 1, also referred to as Nettleship-Falls type ocular albinism, a severe visual disorder. A related pseudogene has been identified on chromosome Y. [provided by RefSeq, Dec 2009]