

Product datasheet for RC226720L4V

OriGene Technologies, Inc.

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MGEA5 (OGA) (NM_001142434) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: MGEA5 (OGA) (NM_001142434) Human Tagged ORF Clone Lentiviral Particle

Symbol: OGA

Synonyms: MEA5; MGEA5; NCOAT

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_001142434

ORF Size: 2589 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC226720).

OTI Disclaimer:

Sequence:

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.

RefSeq: <u>NM 001142434.1</u>, <u>NP 001135906.1</u>

 RefSeq ORF:
 2592 bp

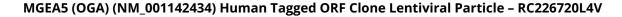
 Locus ID:
 10724

 UniProt ID:
 060502

 Cytogenetics:
 10q24.32

MW: 96.8 kDa







Gene Summary:

The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (Gao et al., 2001 [PubMed 11148210]).[supplied by OMIM, Mar 2008]