

Product datasheet for RC204629L3

OriGene Technologies, Inc.

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Alpha 1 Acid Glycoprotein (ORM1) (NM_000607) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Alpha 1 Acid Glycoprotein (ORM1) (NM 000607) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Alpha 1 Acid Glycoprotein

Synonyms: AGP-A; AGP1; HEL-S-153w; ORM

Mammalian Cell

Selection:

Puromycin

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

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

ORF Nucleotide

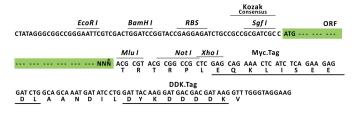
The ORF insert of this clone is exactly the same as(RC204629).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_000607

ORF Size: 603 bp



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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 000607.1</u>

 RefSeq Size:
 847 bp

 RefSeq ORF:
 606 bp

 Locus ID:
 5004

 UniProt ID:
 P02763

Cytogenetics: 9q32

Domains: lipocalin

Protein Families: Druggable Genome, Secreted Protein

MW: 23.5 kDa

Gene Summary: This gene encodes a key acute phase plasma protein. Because of its increase due to acute

inflammation, this protein is classified as an acute-phase reactant. The specific function of this protein has not yet been determined; however, it may be involved in aspects of

immunosuppression. [provided by RefSeq, Jul 2008]