

Product datasheet for RC207981L3

COG6 (NM_020751) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: COG6 (NM_020751) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: COG6

Synonyms: CDG2L; COD2; SHNS

Mammalian Cell Puromycin

Selection:

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

Sgfl-Mlul

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

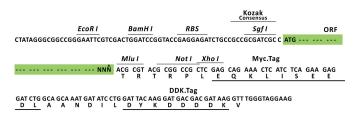
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC207981).

Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_020751

ORF Size: 1971 bp



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COG6 (NM_020751) Human Tagged Lenti ORF Clone - RC207981L3

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 020751.1</u>, <u>NP 065802.1</u>

73.3 kDa

 RefSeq Size:
 3627 bp

 RefSeq ORF:
 1974 bp

 Locus ID:
 57511

 UniProt ID:
 Q9Y2V7

Cytogenetics: 13q14.11

MW:

Gene Summary: This gene encodes a subunit of the conserved oligomeric Golgi complex that is required for

maintaining normal structure and activity of the Golgi apparatus. The encoded protein is organized with conserved oligomeric Golgi complex components 5, 7 and 8 into a subcomplex referred to as lobe B. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Feb 2009]