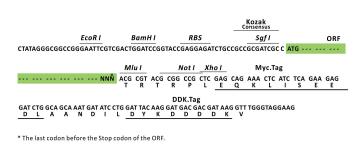


Product datasheet for RC231407L3

COG4 (NM_001195139) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: COG4 (NM_001195139) Human Tagged Lenti ORF Clone Tag: Myc-DDK Symbol: COG4 CDG2J; COD1; SWILS Synonyms: **Mammalian Cell** Puromycin Selection: Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092) E. coli Selection: Chloramphenicol (34 ug/mL) The ORF insert of this clone is exactly the same as(RC231407). **ORF** Nucleotide Sequence: **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Sqf I Mlu I



--- GCG ATC GC C ATG --- //--- NNN ACG CGT ---

 ACCN:
 NM_001195139

 ORF Size:
 2304 bp

OriGene Technologies, Inc.

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	(NM_001195139) Human Tagged Lenti ORF Clone – RC231407L3
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. <u>More info</u>
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	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 001195139.1, NP 001182068.1</u>
RefSeq ORF:	2295 bp
Locus ID:	25839
UniProt ID:	<u>Q9H9E3</u>
Cytogenetics:	16q22.1
MW:	87.6 kDa
Gene Summary:	The protein encoded by this gene is a component of an oligomeric protein complex involved in the structure and function of the Golgi apparatus. Defects in this gene may be a cause of congenital disorder of glycosylation type IIj. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2010]

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