

Product datasheet for RC220674

TRIP230 (TRIP11) (NM_004239) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIP230 (TRIP11) (NM_004239) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIP230
Synonyms:	ACG1A; CEV14; GMAP-210; GMAP210; ODCD; ODCD1; TRIP-11; TRIP230
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC220674 representing NM_004239 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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Protein Sequence:

>RC220674 representing NM_004239
 Red=Cloning site Green=Tags(s)

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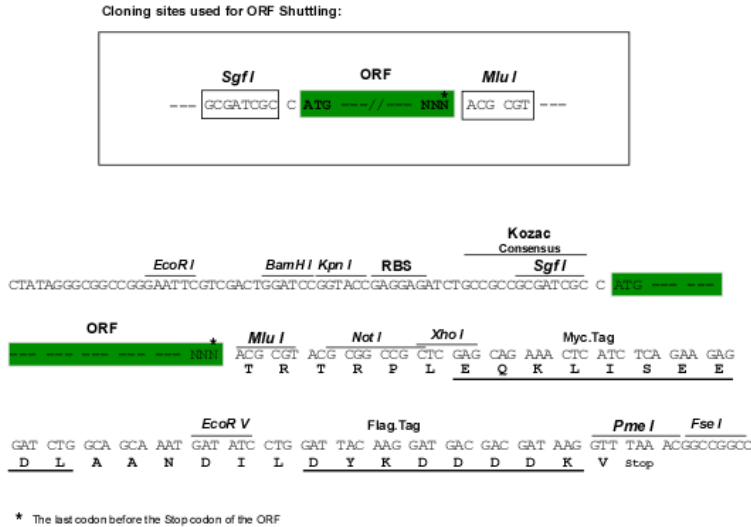
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Chromatograms:

https://cdn.origene.com/chromatograms/mg3948_d09.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_004239

ORF Size: 5937 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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: [NM_004239.1](#), [NP_004230.1](#)

RefSeq Size: 6452 bp

RefSeq ORF: 5940 bp

Locus ID: 9321

UniProt ID: [Q15643](#)

Cytogenetics: 14q32.12

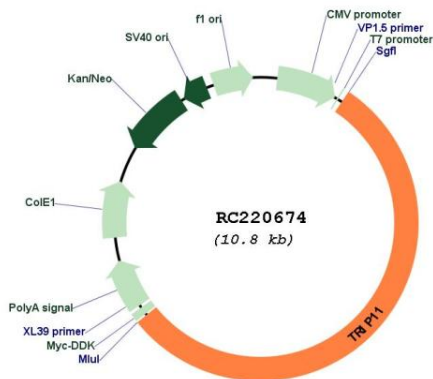
Domains: M, Pox_A_type_inc

Protein Families: Druggable Genome

MW: 227.4 kDa

Gene Summary: This gene was identified based on the interaction of its protein product with thyroid hormone receptor beta. This protein is associated with the Golgi apparatus. The N-terminal region of the protein binds Golgi membranes and the C-terminal region binds the minus ends of microtubules; thus, the protein is thought to play a role in assembly and maintenance of the Golgi ribbon structure around the centrosome. Mutations in this gene cause achondrogenesis type IA.[provided by RefSeq, Mar 2010]

Product images:



Circular map for RC220674