

Product datasheet for **RG240196**

Clathrin heavy chain (CLTC) (NM_001288653) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clathrin heavy chain (CLTC) (NM_001288653) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Clathrin heavy chain
Synonyms:	CHC; CHC17; CLH-17; CLTCL2; Hc; MRD56
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240196 representing NM_001288653. Blue=ORF Red=Cloning site Green=Tag(s)

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Protein Sequence: >Peptide sequence encoded by RG240196
 Blue=ORF Red=Cloning site Green=Tag(s)

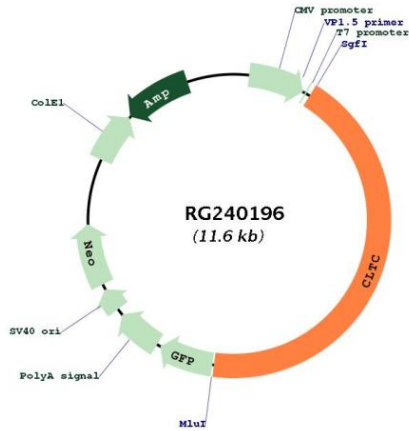
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Restriction Sites: Sgfl-Mlul

Cloning Scheme:


- ACCN:** NM_001288653
- ORF Size:** 5037 bp
- 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).
- RefSeq:** [NM_001288653.1](#), [NP_001275582.1](#)
- RefSeq Size:** 8587 bp
- RefSeq ORF:** 5040 bp
- Locus ID:** 1213
- Cytogenetics:** 17q23.1
- Protein Pathways:** Endocytosis, Huntington's disease, Lysosome
- MW:** 192.5 kDa
- Gene Summary:** Clathrin is a major protein component of the cytoplasmic face of intracellular organelles, called coated vesicles and coated pits. These specialized organelles are involved in the intracellular trafficking of receptors and endocytosis of a variety of macromolecules. The basic subunit of the clathrin coat is composed of three heavy chains and three light chains. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG240196