

Product datasheet for SC302795

Exosome Component 9 (EXOSC9) (NM_001034194) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exosome Component 9 (EXOSC9) (NM_001034194) Human Untagged Clone
Tag:	Tag Free
Symbol:	EXOSC9
Synonyms:	p5; p6; PCH1D; PM/Sci-75; PMSCL1; RRP45; Rrp45p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302795 representing NM_001034194. Blue=Insert sequence Red=Cloning site Green=Tag(s)

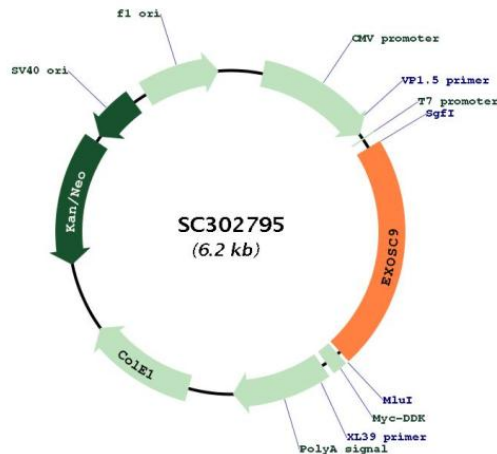
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001034194

Insert Size: 1371 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001034194.1](#)

RefSeq Size: 1644 bp

RefSeq ORF: 1371 bp

Locus ID: 5393

UniProt ID: [Q06265](#)

Cytogenetics: 4q27

Protein Families: Stem cell - Pluripotency

Protein Pathways: RNA degradation

MW: 50.8 kDa

Gene Summary: This gene encodes a component of the human exosome, a exoribonuclease complex which processes and degrades RNA in the nucleus and cytoplasm. This component may play a role in mRNA degradation and the polymyositis/scleroderma autoantigen complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).