OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC317720

Exosome Component 9 (EXOSC9) (NM_005033) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Exosome Component 9 (EXOSC9) (NM_005033) Human Untagged Clone

Tag: Tag Free

Symbol: EXOSC9

Synonyms: p5; p6; PCH1D; PM/Scl-75; PMSCL1; RRP45; Rrp45p

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_005033, the custom clone sequence may differ by one or more nucleotides

ATGAAGGAAACGCCACTCTCAAACTGCGAACGCCGCTTCCTACTCCGTGCCATCGAAGAG
AAGAAGCGGCTGGATGGCAGACAAACCTATGATTATAGGAACATCAGGATCTCATTTGGA
ACAGATTACGGATGCTGCATTGTGGAACTTGGAAAAACAAGAGTTCTTGGACAGGTTTCC
TGTGAACTTGTGTCTCCAAAACTCAATCGGGCAACAGAAGGTATTCTTTTTTTTAACCTT
GAACTCTCTCAGATGGCCGCTCCAGCTTTCGAACCTGGCAGGCAGTCAGATCTCTTGGTG
AAGTTGAATCGACTCATGGAAAGATGTCTAAGAAATTCGAAGTGTATAGACACTGAGTCT
CTCTGTGTTGTTGCTGGTGAAAAGGTTTGGCAAATACGTGTAGACCTACATTTATTAAAT
CATGATGGAAATATTATTGATGCTGCCAGCATTGCTGCAATCGTGGCCTTATGTCATTTC
CGAAGACCTGATGTCTCTGTCCAAGGAGATGAAGTAACACTGTATACACCTGAAGAGCGT
GATCCTGTACCATTAAGTATCCACCACATGCCCATTTGTGTCAGTTTTGCCTTTTTCCAG
CAAGGAACATATTTATTGGTGGATCCCAATGAACGAGAAGAACGTGTGATGGATGGCTTG
CTGGTGATTGCCATGAACAAACATCGAGAGATTTGTACTATCCAGTCCAGTGGTGGGATA
ATGCTACTAAAAGATCAAGTTCTGAGATGCAGTAAAATCGCTGGTGTGAAAGTAGCAGAA
ATTACAGAGCTAATATTGAAAGCTTTGGAGAATGACCAAAAAGTAAGGAAAGAAGGTGGA
AAGTTTGGTTTTGCAGAGTCTATAGCAAATCAAAGGATCACAGCATTTAAAATGGAAAAG
GCCCCTATTGATACCTCGGATGTAGAAGAAAAAGCAGAAGAAATCATTGCTGAAGCAGAA
CCTCCTTCAGAAGTTGTTTCTACACCTGTGCTATGGACTCCTGGAACTGCCCAAATTGGA
GAGGGAGTAGAAAACTCCTGGGGTGATCTTGAAGACTCTGAGAAGGAAGATGATGAAGGC
GGTGGTGATCAAGCTATCATTCTTGATGGTATAAAAATGGACACTGGAGTAGAAGTCTCT
GATATTGGAAGCCAAGATGCTCCCATAATACTCTCAGATAGTGAAGAAGAAGAAATGATC
ATTTTGGAACCAGACAAGAATCCAAAGAAAATAAGAACACAGACCACCAGTGCAAAACAA
GAAAAAGCACCAAGTAAAAAGCCAGTGAAAAGAAGAAAAAAGAAGAGAGCTGCCAAT

Restriction Sites: Please inquire

ACCN: NM_005033

View online »

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_005033.2, NP_005024.2
RefSeq Size:	1593 bp
RefSeq ORF:	1320 bp
Locus ID:	5393
UniProt ID:	Q06265
Cytogenetics:	4q27
Domains:	RNase_PH_C
Protein Families:	Stem cell - Pluripotency
Protein Pathways:	RNA degradation
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 (2) lacks an in-frame exon in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.