

## Product datasheet for **SC321585**

### EXOSC3 (NM\_016042) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EXOSC3 (NM_016042) Human Untagged Clone
Tag:	Tag Free
Symbol:	EXOSC3
Synonyms:	bA3J10.7; CGI-102; hRrp-40; p10; PCH1B; RRP40; Rrp40p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_016042.2  
 GTGGAGCCCGCATGGCCGAACCTGCGTCTGTGCGGCTGAATCTCTCGCGGCAGCAGG  
 GCGCGCGCTGCACGCACAGTACTAGGTCAGGTGGTGTCTCCGGGTGAGGAGCTGCTCCTG  
 CCGGAACAGGAGGACGCGGAAGGCCCTGGGGTGCAAGTGGAGCGACCGTTGAGCCTGAAT  
 GCTAGAGCGTGTCTCGCGGTGCGCGTGTGTATGCGGTCCGGGCTTCGCGGCTGTGGGGAC  
 CGCCTGTGGTACCAAGTGCAGCGCCCTCCGTACAAGGAGCCCGCAGTGGCAGCGGC  
 GGCGGTGTTTACTGGGTGGACTCTCAGCAGAAGCGGTATGTTCCAGTAAAAGGAGACCAT  
 GTGATTGGCATAGTGACAGCTAAATCTGGAGATATATTCAAAGTTGATGTTGGAGGGAGT  
 GAGCCAGCTTCTTTGTCTTACTTGTCTTTGAAGGTGCAACTAAAAGAACAGACCAAT  
 GTGCAGGTTGGAGATCTCATCTATGGCCAATTTGTGGTTGCTAATAAAGACATGGAACCA  
 GAGATGGTCTGTATTGACAGCTGTGGACGAGCCAATGGAATGGGTGTCATTGGACAGGAT  
 GGTCTGCTTTTTAAAGTACTCTGGGCTTAATTAGAAAGCTATTAGCTCCAGATTGTGAA  
 ATCATAACAGGAAGTGGGAAAACCTATCCACTGGAGATAGTATTTGGAATGAATGGAAGA  
 ATATGGGTTAAGGCAAAAACCATCCAGCAGACTTAATTTTGGCAAACATTTTAGAAGCT  
 TGTGAACACATGACGTCAGATCAAAGAAAACAGATCTTCTCCAGATTGGCAGAAAAGTTGA  
 TATAGGTGGACTTTTTACAGGTCAGTTGAGGCAAAAACATAGGGTTTTTTCAGGTGAA  
 CCTCCCCATTTAAATACTCAGAAGATAAGGTGTGAATGTATGTATTATTAGAGTCCGAA  
 AGTATTTTTATAAGTTACTGGTTTTTACCCACGCTTTTGTGGGAGAGAAAATCATTGCAA  
 AATCATTTTTTTTGTTCGGTACAATAAAGTTTACTAAAAAACAGTAAAAAAAAAAAAAAAA  
 AAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_016042



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_016042.2</a> , <a href="#">NP_057126.2</a>
<b>RefSeq Size:</b>	1220 bp
<b>RefSeq ORF:</b>	828 bp
<b>Locus ID:</b>	51010
<b>UniProt ID:</b>	<a href="#">Q9NQT5</a>
<b>Cytogenetics:</b>	9p13.2
<b>Protein Families:</b>	Stem cell - Pluripotency
<b>Protein Pathways:</b>	RNA degradation
<b>Gene Summary:</b>	<p>This gene encodes a non-catalytic component of the human exosome, a complex with 3'-5' exoribonuclease activity that plays a role in numerous RNA processing and degradation activities. Related pseudogenes of this gene are found on chromosome 19 and 21. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jun 2012]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>