

## Product datasheet for **SC334799**

### EXD3 (NM\_001286823) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EXD3 (NM_001286823) Human Untagged Clone
Tag:	Tag Free
Symbol:	EXD3
Synonyms:	mut-7; Nbr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286823, the custom clone sequence may differ by one or more nucleotides

```
ATGGACCCAGGAGATCCCGCTGGTGACCCTGCCGCTGGCGAGCGCCACCGCATGGGCCGGGACCCCTCC
TGCTCCTGCAGGCCCTGCAGACCCTGTGGTCCACGCGGGAGCGGAAGCAGCTCCGGGAGGAAGCCTGGCG
GGGTTTGTGCTGCTTGGACGACCCCTGGCCGGGCTTCTGGACATGCTGGAGAGCTGCCGGGGCCAGCGG
GGAGAGGGCCCCCTCCCTGGCGGCTGGATCTCCACCAGCTGCAGTGTGGCTACAGGCACAGCCATGCC
CGAGCCTGGCCCAGCACAGCCTGAGGCTGAAGCAGCTGCAGGCCCGAGCGGTCAAAGTCTCACTGAGAG
CCCCCCCAGCCTTGGCGCACCACTGGCCAGCATCTCCAGCTGCAGGATGCAGACAGGAGCTGCCTGCTG
GCACACGTCCACCGCCTCCACCAGAGGGCAGGTTGAGAGAAGCAGCCACGCTGGGCGGACGTTGAAGC
TGCACTCGGAGCTTGGCGTTGAAAAGATGAGCATCCCACTGCTCCTCCAGGACAAGGTGGCCCTCGTGGA
GCGCTATGTGGCCGGCTTCCCGGACCTCCAGAGGAGGCTGCTGGTCTCATGGATTCTGGTGCCAGCCC
GGCTTTGACATCAAGGACGTTGCCAGCTGCCATGTGACTGCAGCTGGAGCAGCTGCCTCTGGAGAGGAGC
GGCTGGGCTGGCAGGAGCACAGCCCTTCTCCCGAGTGA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286823
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).



[View online »](#)

<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>	<u>NM_001286823.1, NP_001273752.1</u>
<b>RefSeq Size:</b>	1094 bp
<b>RefSeq ORF:</b>	741 bp
<b>Locus ID:</b>	54932
<b>UniProt ID:</b>	<u>Q8N9H8</u>
<b>Cytogenetics:</b>	9q34.3
<b>Gene Summary:</b>	<p>Possesses 3'-5' exoribonuclease activity. Required for 3'-end trimming of AGO1-bound miRNAs (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks several 3' exons but includes an alternate 3' exon, and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (b) has a distinct C-terminus and is significantly shorter than isoform a.</p>