

Product datasheet for **SC210840**

DEMI (EXO5) (NM_022774) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: DEMI

Synonyms: Clorf176; DEMI; Exo V; hExo5

Mammalian Cell Selection: Neomycin

Vector: pMirTarget (PSI00062)

ACCN: NM_022774

Insert Size: 402 bp

Insert Sequence: >SC210840 3'UTR clone of NM_022774
The sequence shown below is from the reference sequence of NM_022774. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGCGCCCAAGTCAAAAAAGCCAAAATAGAAAGGTATGCTTTCAAGAATGTTGATCCTTCCTGCT
CCTGTTGTACCTAAGCAAAAGAGGACCAAGTCTCTGAGCTTGGCTTTTATGGAGAGTGTCTTATTTTGG
TTCTTTTTTTTATTTCCACAACCTTAACCACATTCAGTCCAGGACCAAGGCTCAGGGATGAGTGGGAG
AGATGGGTTTACTGTCCCTGGAGCTTCATCATGATTGCCTGAGAAGACAGATGCTCATCATGGCTGGA
ATGAAGGTATCCTTCAGTAACTTTGCTTTCTAAGAAAATCTTCAGTTTCTGATAAGTCATCCCTAT
TTTTATCTTGATCAAGGCTTTCTACAGTTACATAATAAAATGAAATGCTGTCCAGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_022774.3</u>
Summary:	The protein encoded by this gene is a single-stranded DNA (ssDNA)-specific exonuclease that can slide along the DNA before cutting it. However, human replication protein A binds ssDNA and restricts sliding of the encoded protein, providing a 5'-directionality to the enzyme. This protein localizes to nuclear repair loci after DNA damage. [provided by RefSeq, Nov 2016]
Locus ID:	64789
MW:	15.9