

Product datasheet for **SC216465**

CASC3 (NM_007359) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CASC3
Synonyms:	BTZ; MLN51
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_007359
Insert Size:	1796 bp



Insert Sequence:

>SC216465 3'UTR clone of NM_007359

The sequence shown below is from the reference sequence of NM_007359. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CCTGAGGTTGTAAGCAGGGGTTCCAGTAAATACAAGTTTCTGAATATTTTAAATCTTAACATCATATAA
AAAGCAGCAGAGGTGAGAACTCAGAAGAGAAATACAGCTGGCTATCTACTACCAGAAGGGCTTCAAAGA
TATAGGGTGTGGCTCCTACCAGCAACAGCTGAAAGAGGAGGACCCCTGCCTTCCTCTGAGGACAGGCT
CTAGAGAGAGGGAGAAACAAGTGGACCTCGTCCCATCTTCACTTCTCACTTGAGTTGGCTGTGTTTCGGG
GGAGCAGAGAGAGCCAGACAGCCCCAAGCTTCTGAGTCTAGATACAGAAGCCCATGTCTTCTGCTGTTT
TCACTTCTGGGAAATTGAAGTGTCTTCTGTTCCCAAGGAAGCTCCTTCTGTTTGTGTTTGTGTTTCTAA
GATGTTCAATTTTTAAAGCCTGGCTTCTATCCTTAATATTATTTTAAATTTTTCTCTTGTGTTTCTGTTT
CTTGCTCTCTCCCTGCCTTTAAATGAAACAAGTCTAGTCTTCTGGTTTTCTAGCCCTCTGGATTCC
CTTTTGACTCTTCGTGCATCCAGATAATGGAGAATGTATCAGCCAGCCTTCCCAACCAAGTCTAAAA
AGACCTGGCCTTTCACTTTTAGTTGGCATTGTGTTATCCTCTTGTAATCTGATTCCCTTAACTCTAAC
CCTGTGGAAGCATGGCTGTCTGCACAGAGGGTCCCATTTGTGCAGAAAAGCTCAGAGTAGGTGGTAGGA
GCCCTTCTCTTTGACTTAGGTTTTAGGAGTCTGAGCATCCATCAATACCTGTACTATGATGGGCTTCT
GTTCTCTGCTGAGGGCCAATACCCTACTGTGGGAGAGATGGCACACCATGCTTTTGTGAGAAAAGGG
ATGGTGGAGTGAGAGCCTTTGCCTTTAGGGGTGTGATTACATAGTCCTCAGGGCTCAGTCTTTTGAG
GTAAGTGAATTAGAGGCCCTTGCTCTCTTCTTCCATTCTTCTGCTACACCCCTTTTCCAGTTGCT
GTGGACCAATGCATCTCTTAAAGGCAAAATTATCCAGCAAGCAGTCTACCTGTCTTTGCAATTGC
TCTTCTCCACGTCTTCTCTGCTACAAGTGTGTTAGATGTTACTACCTATTTTCCCGAATTCTATTTT
TGTCCTTGACAGACAGAATATAAACTCCTGGGCTTAAGGCCTAAGGAAGCCAGTCACCTTCTGGGCAA
GGGCTCCTATCTTCTCCCTATCCATGGCACTAAACCACTTCTGCTGCCTCTGTGGAAGAGATTCC
TATTACTGCAGTACATACGTCTGCCAGGGTAACCTGGCCACTGTCCCTGTCTTCTACAGAACCTGAG
GGCAAAGATGGTGGCTGTGCTCTCCCGGTAATGTCACTGTTTTTATTCTTCCATCTAGCAGCTGGC
CTAATCACTCTGAGTCACAGGTGTGGGATGGAGAGTGGGAGAGGCACTTAATCTGTAACCCCCAAGGA
GGAAATAACTAAGAGATTCTTCTAGGGTAGCTGGTGGTTGTGCCTTTTGTAGGCTGTTCCCTTTGCCT
TAAACCTGAAGATGTCTCCTCAAGCCTGTGGGCAGCATGCCAGATTCCCAGACCTTAAGACTGTGA
GAGTTGTCTGTGTTGGTCCACTGTGTTAGTTGCAAGGATTTTCCATGTGTGGTGGTGTGTTTTGTTA
CTGTTTTAAAGGTGCCCATTTGTGATCAGCATTGTGACTTGAGATAATAAAATTTAGACTATAAACT
TG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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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:

NM_007359.5

Summary:	The product of this gene is a core component of the exon junction complex (EJC), a protein complex that is deposited on spliced mRNAs at exon-exon junctions and functions in nonsense-mediated mRNA decay (NMD). The encoded protein binds RNA and interacts with two other EJC core components. It is predominantly located in the cytoplasm, but shuttles into the nucleus where it localizes to nuclear speckles. [provided by RefSeq, Jul 2008]
Locus ID:	22794
MW:	67