

Product datasheet for **SC215437**

B7H3 (CD276) (NM_001024736) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	B7H3 (CD276) (NM_001024736) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD276
Synonyms:	4lg-B7-H3; B7-H3; B7H3; B7RP-2
ACCN:	NM_001024736
Insert Size:	1588 bp



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Insert Sequence: >SC215437 3'UTR clone of NM_001024736
 The sequence shown below is from the reference sequence of NM_001024736. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
AAAGAAGATGATGGACAAGAAATAGCCTGACCATGAGGACCAGGGAGCTGCTACCCCTCCCTACAGCTC
CTACCCCTCTGGCTGCAATGGGGCTGCACTGTGAGCCCTGCCCCCAACAGATGCATCCTGTCTGACAGG
TGGGCTCCTTCTCCAAGGATGCGATACACAGACCACTGTGCAGCCTTATTTCTCCAATGGACATGATT
CCCAAGTCATCCTGCTGCCTTTTTTTCTTATAGACACAATGAACAGACCACCCACAACCTTAGTTCTCTA
AGTCATCCTGCCTGCTGCCTTATTTACAGTACATACATTTCTTAGGGACACAGTACACTGACCACATC
ACCACCCTCTTCTCCAGTGTGCGTGGACCATCTGGTGCCTTTTTTCTCCAAAAGATGCAATATTCA
GACTGACTGACCCCTGCCTTATTTACCAAAGACACGATGCATAGTACCCCGCCTTGTCTTCTCCAA
TGGCCGTGATACACTAGTGATCATGTTACGCCCTGCTTCCACCTGCATAGAATCTTTTCTTCTCAGACA
GGGACAGTGGCGCTCAACATCTCCTGGAGTCTAGAAGCTGTTTCTTTCCCTCCTTCTCCTCTTGC
TCTAGCCTTAATACTGGCCTTTTCCCTCCCTGCCCAAGTGAAGACAGGGCACTCTGCGCCACACAT
GCACAGCTGTGCATGGAGACCTGCAGGTGCACGTGCTGGAACACGTGTGGTTCCCCCTGGCCAGCCT
CCTCTGCAGTGGCCCTCTCCCTGCCCATCTCCACGGAAGCATGTGCTGGTCACTGGTTCTCCA
GGGGTCTGTGATGGGGCCCTGGGGTCACTTCTGTCCCTCTGCCTTCTCACCTCTTGTCTCTTTCT
TTTCATGTATCCATTCAGTTGATGTTTATTGAGCAACTACAGATGTCAGCACTGTGTTAGGTGCTGGG
GCCCTGCGTGGGAAGATAAAGTTCCTCCCTCAAGGACTCCCATCCAGCTGGGAGACAGACAACCTAACT
ACACTGCACCCCTGCGGTTTGCAGGGGGCTCCTGCCTGGCTCCCTGCCACACCTCCTCTGTGGCTCAA
GGCTTCTGGATACCTACCCCATCCACCCATAATTCTTACCCAGAGCATGGGGTGGGGCGGAAAC
CTGGAGAGAGGGACATAGCCCTCGCCACGGCTAGAGAATCTGGTGGTGTCCAAAATGTCTGTCCAGGT
GTGGGCAGGTGGGCAGGCACCAAGGCCCTCTGGACCTTTCATAGCAGCAGAAAAGGCAGAGCCTGGGGC
AGGGCAGGGCCAGGAATGCTTTGGGGACACCGAGGGGACTGCCCCACCCCAACCATGGTGCTATTCT
GGGGCTGGGGCAGTCTTTTCTGGCTTGCCTCTGGCCAGCTCCTGGCCTCTGGTAGAGTGAGACTTCA
ACGTTCTGATGCCTCCGGATGTCATCTCCTGCCAGGAATGGAAGATGTGAGGACTTCTAATTT
AAATGTGGGACTCGGAGGGATTTGTAAGTGGGGTATATTTGGGGAAAATAAATGTCTTTGTAAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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.

RefSeq: [NM_001024736.2](#)

Summary: The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Locus ID: 80381

MW: 57.6