

Product datasheet for **SC215435**

B7H3 (CD276) (NM_025240) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	B7H3 (CD276) (NM_025240) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD276
Synonyms:	4lg-B7-H3; B7-H3; B7H3; B7RP-2
ACCN:	NM_025240
Insert Size:	1588 bp



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Insert Sequence: >SC215435 3'UTR clone of NM_025240
The sequence shown below is from the reference sequence of NM_025240. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAAGAAGATGATGGACAAGAAATAGCCTGACCATGAGGACCAGGGAGCTGCTACCCCTCCCTACAGCTC
CTACCCCTCTGGCTGCAATGGGGCTGCACTGTGAGCCCTGCCCAACAGATGCATCCTGTCTGACAGG
TGGGCTCCTTCTCCAAGGATGCGATACACAGACCACTGTGCAGCCTTATTTCTCCAATGGACATGATT
CCCAAGTCATCCTGCTGCCTTTTTTCTTATAGACACAATGAACAGACCACCCACAACCTTAGTTCTCTA
AGTCATCCTGCCTGCTGCCTTATTTACAGTACATACATTTCTTAGGGACACAGTACACTGACCACATC
ACCACCCTCTTCTCCAGTGTGCGTGGACCATCTGGTGCCTTTTTTCTCCAAAAGATGCAATATTCA
GACTGACTGACCCCTGCCTTATTTACCAAAGACACGATGCATAGTACCCCGCCTTGTCTCCAA
TGGCCGTGATACACTAGTGATCATGTTACGCCCTGCTTCCACCTGCATAGAATCTTTTCTCTCAGACA
GGGACAGTGGCGCTCAACATCTCCTGGAGTCTAGAAGCTGTTTCTTTCCCTCCTTCCTCCTTGC
TCTAGCCTTAATACTGGCCTTTCCCTCCTGCCCCAAGTGAAGACAGGGCACTGTGCGCCACACAT
GCACAGCTGTGCATGGAGACCTGCAGGTGCACGTGCTGGAACACGTGTGGTTCCCCCTGGCCAGCCT
CCTCTGCAGTGGCCCTCTCCCTGCCATCCTCCCCACGGAAGCATGTGCTGGTCACTGGTTCTCCA
GGGGTCTGTGATGGGGCCCTGGGGTCACTTCTGTCCCTCTGCCTTCTCACCTTTTGTCTTTCT
TTTCATGTATCCATTCAGTTGATGTTTATTGAGCAACTACAGATGTCAGCACTGTGTTAGGTGCTGGG
GCCCTGCGTGGGAAGATAAAGTTCCTCCCTCAAGGACTCCCCATCCAGCTGGGAGACAGACAACCTAAT
ACACTGCACCCCTGCGGTTTGCAGGGGGCTCCTGCCTGGCTCCCTGCTCCACACCTCCTGTGGCTCAA
GCCTTCTGGATACCTACCCCATCCACCCATAATTCTTACCAGAGCATGGGGTGGGGCGGAAAC
CTGGAGAGAGGGACATAGCCCTCGCCACGGCTAGAGAATCTGGTGGTGTCCAAAATGTCTGTCCAGGT
GTGGGCAGGTGGGCAGGCACCAAGGCCCTCTGGACCTTTCATAGCAGCAGAAAAGGCAGAGCCTGGGGC
AGGGCAGGGCCAGGAATGCTTTGGGGACACCGAGGGGACTGCCCCCACCACCATGGTGCTATTCT
GGGGCTGGGGCAGTCTTTTCTGGCTTGCCTCTGGCCAGCTCCTGGCCTCTGGTGTAGAGTGTGACTTCA
ACGTTCTGATGCCTCCGGATGTCATCTCCTGCCCCAGGAATGGAAGATGTGAGGACTTCTAATTT
AAATGTGGGACTCGGAGGGATTTGTAAGTGGGGTATATTTGGGGAAAATAAATGTCTTTGTAAGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_025240.3](#)

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