

Product datasheet for **SC220255**

CD44 (NM_000610) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CD44 (NM_000610) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD44
Synonyms:	CDW44; CSPG8; ECMR-III; HCELL; HUTCH-I; IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1
ACCN:	NM_000610
Insert Size:	2000 bp



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Insert Sequence:

>SC220255 3'UTR clone of NM_000610

The sequence shown below is from the reference sequence of NM_000610. 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
CAGAATGTGGACATGAAGATTGGGGTGTAAACACCTACACCATTATCTTGGAAAGAAACAACCGTTGGAA
ACATAACCATTACAGGGAGCTGGGACACTTAACAGATGCAATGTGCTACTGATTGTTTCATTGCGAATC
TTTTTTAGCATAAAAATTTCTACTCTTTTTGTTTTTTGTGTTTTGTTCTTTAAAGTCAGGTCCAATTTG
TAAAAACAGCATTGCTTTCTGAAATTAGGGCCCAATTAATAATCAGCAAGAATTTGATCGTTCAGTTC
CCACTTGGAGGCCTTTCATCCCTCGGTGTGCTATGGATGGCTTCTAACAAAACTACACATATGTATT
CCTGATCGCCAACCTTTCCCCACCAGCTAAGGACATTTCCAGGGTAAATAGGGCTGGTCCCTGGGA
GGAAATTTGAATGGTCCATTTTGCCTCCATAGCCTAATCCCTGGGCATTGCTTCCACTGAGGTTG
GGGGTTGGGGTGTACTAGTTACACATCTTCAACAGACCCCTCTAGAAATTTTTAGATGCTTCTGGGA
GACACCCAAAGGGTGAAGCTATTTATCTGTAGTAACTATTTATCTGTGTTTTGAAATATTAAACCT
GGATCAGTCCCTTGTATCAGTATAATTTTTTAAAGTTACTTTGTGACAGGCACAAAAGGGTTAAACTGA
TTCATAATAAATATCTGTACTTCTCGATCTTACCTTTTGTGCTGTGATTCTTCAGTTTCTAAACCAG
CACTGTCTGGGTCCTACAATGTATCAGGAAGAGCTGAGAATGGTAAGGAGACTCTTCTAAGTCTTCAT
CTCAGAGACCCTGAGTCCCCTCAGACCCACTCAGCCAAATCTCATGGAAGACCAAGGAGGGCAGCAC
TGTTTTGTTTTTGTGTTTTTGTGTTTTTGTGTTTTTGTGTTTTTGTGTTTTTGTGTTTTTGTGTTTTTGTG
TCAGAGTTGGAAGTCAGGAGCTCAGCCTCTTTATGGTTTAAATGGCCACCTGTTCTCTCCTGTGAAA
GGCTTTGCAAAGTCACATTAAGTTTGCATGACCTGTTATCCCTGGGGCCCTATTTCTAGAGGCTGGCC
CTATTAGTGATTTCCAAAAACAATATGGAAGTGCCTTTTGTATGCTTACAATAAGAGAAGAAGCCAATG
GAAATGAAAGAGATTGGCAAAGGGGAAGGATGATGCCATGTAGATCCTGTTTGTGATTTTTATGGCTGT
ATTTGTAACCTTAAACACACCAGTGTCTGTTCTTGTGATGCAAGTGTATTTAGGATGAGTTAAGTGCCTG
GGGAGTCCCTCAAAGGTTAAAGGGATTCCCATCATTGGAATCTTATCACCAGATAGGCAAGTTTATGA
CCAAACAAGAGAGTACTGGCTTATCCTCTAACCTCATAATTTCTCCACTTGGCAAGTCCCTTGTGGC
ATTTATTCATCAGTCAGGGTGTCCGATTGGTCTAGAACTCCAAAGGCTGCTTGTATAGAAGCCATT
GCATCTATAAAGCAACGGCTCCTGTTAAATGGTATCTCCTTTCTGAGGCTCTACTAAAAGTCATTTGT
TACCTAACTTATGTGCTTAACAGGCAATGCTTCTCAGACCACAAGCAGAAAGAAGAAGAAAAGCTCC
TGACTAAATCAGGCTGGGCTTAGACAGAGTTGATCTGTAGAATATCTTTAAAGGAGAGATGTCAACTT
TCTGCACTATTCCAGCCTCTGCTCCTCCCTGTCTACCCTCTCCCTCCCTCTCTCCCTCCACTTACC
CCACAATCTTAAAAACTTCTTTCTCTTCTGTGAACATCATTGGCCAGATCCATTTTTCAGTGGTCTGG
ATTTCTTTTTATTTTCTTTTCAACTTGAAGAACTGGACATTAGGCCACTATGTGTTGTTACTGCCAC
TAGTGTTCAAGTGCCTCTGTTTTCCAGAGATTTCTGGGTCTGCCAGAGGCCAGACAGGCTCACT
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
    
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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_000610.4](#)

Summary:

The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis. [provided by RefSeq, Jul 2008]

Locus ID:

960

MW:

75.4