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Product datasheet for SC206546

CD38 (NM_001775) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CD38 (NM_001775) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CD38
Synonyms:	ADPRC 1; ADPRC1
ACCN:	NM_001775
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC206546 3'UTR clone of NM_001775
The sequence shown below is from the reference sequence of NM_001775. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGATTCATCTTGCACATCTGAGATCTGAGCCAGTCGCTGTGGTTGTTTTAGCTCCTTGACTCCTTGT
GGTTTATGTCATCATACATGACTCAGCATACCTGCTGGTGCAGAGCTGAAGATTTTGGAGGGTCCTCCA
CAATAAGGTCAATGCCAGAGACGGAAGCCTTTTTCCCCAAAGTCTTAAAATAACTTATATCATCAGCAT
ACCTTTATTGTGATCTATCAATAGTCAAGAAAAATTATTGTATAAGATTAGAATGAAAATTGTATGTTA
AGTTACTTCACTTTAATTCTCATGTGATCCTTTTATGTTATTTATATATTGGTAACATCCTTTCTATTG
AAAAATCACCACACCAAACCTCTCTTATTAGAACAGGCAAGTGAAGAAAAGTGAATGCTCAAGTTTTTC
AGAAAGCATTACATTTCCAAATGAATGACCTTGTTGCATGATGTATTTTTGTACCCTTCCTACAGATAG
TCAAACCATAAACTTCATGGTCATGGGTCATGTTGGTGAAAATTATTCTGTAGGATATAAGCTACCCAC
GTACTTGGTGCTTTACCCCAACCCTTCCAACAGTGCTGTGAGGTTGGTATTATTTCATTTTTTAGATGA
GAAAATGGGAGCTCAGAGAGGTTATATATTTAAGTTGGTGCAAAAGTAATTGCAAGTTTTGCCACCGAA
AGGAATGGCAAAACCACAATTATTTTTGAACCAACCTAATAATTTACCGTAAGTCCTACATTTAGTATC
AAGCTAGAGACTGAATTTGAACTCAACTCTGTCCAACTCCAAAATTCATGTGCTTTTTCCTTCTAGGCC
TTTCATACCAAACTAATAGTAGTTTATATTCTCTTCCAACAAATGCATATTGGATTAAATTGACTAGAA
TGGAATCTGGAATATAGTTCTTCTGGATGGCTCCAAAACACATGTTTTTCTTCCCCCGTCTTCCTCCTC
CTCTTCATGCTCAGTGTTTTATATATGTAGTATACAGTTAAAATATACTTGTTGCTGGTACTGGCAGCT
TATATTTTCTCTCTTTTTTCATGGATTAACCTTGCTTGAGGGCTTTAACAATTGTATTACTTTTTCAAA
GAACTAAGCTTTAGCTTCATTGATTTTTTTCTATTTAATTGGGTTTTGCTCTTCTCTTTAGCATTGGAA
ACATAGAAATGCTTTCTGATTTCTTTGGGTAGATTTACGTATTCAGCTTCTTGAGATGGAAGTTTAGAT
CACTGATCCTTCAGCTTGTTTTCTTTTTTGTATACATAGATTTTAGGACGATATATTTTCCCTTGAGTT
CTGCTTTAGCTGCAGCTCTTATGTTTTGATATGCCTCTCTTTATTATCCTTCAGTTAAAAATATCTTTC
AATTCATTGTTATATAAAAATATGTGCCTAGTTTTTAACATCTGGAGATTTTCTAGTTTTGAAAAAAAC
ATAAGCCAGGCATGGTGGCTCACACCTGTATCCCCAGCACTTTGGGAGGCCGAGACGGGAGGATCGCCT
GAGCTCAGGAGTTTTTACACCAGCCTGGGAATAACAGTGAGACATTATCTCCAAAAAAATTACCTGGGT
ATGGTGTTGTGCACCTGTAGTCCCAGCTACTCTGGAGACTGAGGTGGGAGGATTGTTTGAGCTTGGGAG
GTTGAGGCTGCAGGGAGCTGTGATCACACCACTGCACTCTGGCCTGAGTGACAGATTGAGACCCTGTCT
CAATAAAAGCAAAAATAAAGAAAATAAACCATATGTGTTGAACAAAGGATTAATAAATTAATTTGAGAC
TCCTTCAGGGAATGACCACAATTTATTGAAAATAGCCTAAATGTTGGAGTCAGGCATTTCTGGATTCAT
ATTTTGACATCATGCTGTCATCTTGAACAAAATGCCTAACCTTTCTGAACTTCAACTTCCTTGCCACTC
AAATAAGGATTACAAAACTTAAAATGTGGTAAGTACTAAAGACGACAGCAAAAATTGAGTCCAGCACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_001775.4

Summary:	The protein encoded by this gene is a non-lineage-restricted, type II transmembrane glycoprotein that synthesizes and hydrolyzes cyclic adenosine 5'-diphosphate-ribose, an intracellular calcium ion mobilizing messenger. The release of soluble protein and the ability of membrane-bound protein to become internalized indicate both extracellular and intracellular functions for the protein. This protein has an N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites. Crystal structure analysis demonstrates that the functional molecule is a dimer, with the central portion containing the catalytic site. It is used as a prognostic marker for patients with chronic lymphocytic leukemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]
Locus ID:	952
MW:	76.8