

Product datasheet for MC202709

Cd24a (NM_009846) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd24a (NM_009846) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cd24a
Synonyms: Cd24; HSA; Ly-52; nectadrin
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC075622 sequence for NM_009846
CGAGCTTAGCAGATCTCCAATTACCGAACATCTAGAGAGTCGCGCCGCGCCGACGGAGCGGCATGGG
CAGAGCGATGGTGGCCAGGCTAGGGCTGGGGTTGCTGCTTCTGGCACTGCTCCTACCCACGAGATTAC
TGCAACCAAAACATCTGTTGCACCGTTTCCCGGTAACCAGAATATTTCTGCTTCCCAAATCCAAGTAACG
CTACCACCAGAGGGGTGGCAGCTCCCTGCAGTCCACAGCTGGTCTCCTGGCTCTCTCTCTCTCTCTCT
ACATCTCTACTGTTAGAGACTCAGGCCAGGAAACGTCTCTACTTCCCATCTTCTACACCTACCCAAAT
GGCAACCACAAGTCCAATGTGATCAGGAAGAAACAGGTCCACCTCGAATTGGCTGTTACCATATCTCAAC
AGAAAACACGGAGAATTCGAAATTCGACGGGATTAAGGACGCGTGAAAGGTTTGAGAGAAGAGAGATGC
CGCTATTGAATCTGCTGGAGTTTTACATCCAAGATGAAGACAGCATTGAGAATTGATGTGATTTCTTG
AATGTGGCTTAGGAAATGTGGACACTTAAACTCTCACTTGAATTTGGGCACAGGTTTGATGTAGAGATA
AGGACGGGTGCGGAATGGAGACCCATTTGTGATTGATTCATCTGACCGATAAGGCCATAGTGCAGTTA
GGTGATATTCGAAAGCTTCTTTGATGCTCTTTATGTATATGTTGGAAGGAACACCAGGCGTTGCTTTAA
ATTCCTCAATGTGTGTTTCGTTACTACTAATTTAATACCGTAAGCTCTAGGTAAGTTCCATGTTGTTGA
ACTCTGACTGTTCTTTGGAATTGAACGTTTTGCATCCTCCTCCTGTTGCTTTAGGCTGACATTGTAT
TTGACCTTTACTAGTAATTAACATGTGCCAGGCAATGGTGGATTGGAACCCATCCCAAGTCCAGCCACC
ACTGAATAAATCTGATTTCAAAGTCAAACAGTAGACATTTCCATTGTCGTTTCTCACTCACCACAAGC
ACCAAATTCACTAGAGTACACTGGTCCAGAGAGCAGAATCATGTTGGCCTTGGCTAATTTCAAATGCT
GTCTTTTACTTTGGTATATGTTGAGGGCTTTTTCATAATTTAAAGTGTGTTCTGTTAGCAAGGCAAAAT
ATGAGCTTAATTTACAGGCAAAATATGCAAAGGAGCAGCAAACTGTAACCCAGCATTGGGATGTGAAG
ACTGGAAGCTAACTCTCATTGAATTCACAAAGTCTTTTATACAATTTCTGTACATACTTTTTTTTTTTT
AAGAGAAAAACAACGGTGGATCAGAATAGCCACGTTTGGAACTTTGTTATCCATTCATATTTTTAG
ATAGTTATTGGTCTGTGCCTGAAAGGGGCTTGGTTCTACCGTAAGTTTTTCCAATTTCTTGATATAC
ACATACCTTCTAAAACCTAGACATTTCTGAAAAAATCTTTTGTTCGCATGGTCACACACTGATGCTTA
CCCGTACAGTAGTCTTGATAACCAAGTCAATTTCTCCATCTTTAGAAACCTTCTGGGAAGAAGGAGAG
CTCACAGACCCGAAGCTACTGTGTGTGAATGAACACTCCCCTTGCCTCACACCTGAATGCTGTACATC
TATTTGATTGAAATTTGTTTGTATTTATGCTTTGATTGATGATGTAATTTCTCATGTTATGGAATTGA
TTTGCATTGAACACAACTGTAATAAAAAGAAAGAAATGGCAAAAAAAAAAATAAAAAAAAAAAAAAAAAA AAAAAAA



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Restriction Sites:	Ascl-NotI
ACCN:	NM_009846
Insert Size:	231 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC075622 , AAH75622
RefSeq Size:	1828 bp
RefSeq ORF:	231 bp
Locus ID:	12484
UniProt ID:	P24807
Cytogenetics:	10 23.01 cM
Gene Summary:	May have a pivotal role in cell differentiation of different cell types. May have a specific role in early thymocyte development. Signaling could be triggered by the binding of a lectin-like ligand to the CD24 carbohydrates, and transduced by the release of second messengers derived from the GPI-anchor. Modulates B-cell activation responses (By similarity). In association with SIGLEC10 may be involved in the selective suppression of the immune response to danger-associated molecular patterns (DAMPs) such as HMGB1, HSP70 and HSP90 (PubMed:19264983). Plays a role in the control of autoimmunity (PubMed:20200274). [UniProtKB/Swiss-Prot Function]