

Product datasheet for **RG204335**

CD23 (FCER2) (NM_002002) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD23 (FCER2) (NM_002002) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CD23
Synonyms:	BLAST-2; CD23; CD23A; CLEC4J; FCE2; IGBF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204335 representing NM_002002 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGAAGGTCAATATTCAGAGATCGAGGAGCTTCCAGGAGGCGGTGTTGCAGGCGTGGGACTCAGA
TCGTGCTGCTGGGGCTGGTGACCGCGCTCTGTGGGCTGGGCTGCTGACTCTGCTTCTCCTGTGGCACTG
GGACACCACAGAGTCTAAAACAGCTGGAAGAGAGGGCTGCCCGAACGCTCTCAAGTTTCCAAGAAC
TTGGAAAGCCACCACGGTGACCAGATGGCGCAGAAATCCAGTCCACGCAGATTTACAGGAACTGGAGG
AACTTCGAGCTGAACAGCAGAGATTGAAATCTCAGGACTTGGAGCTGTCTGGAACCTGAACGGGCTTCA
AGCAGATCTGAGCAGTTCAAGTCCCAGGAATTGAACGAGAGGAACGAAGCTTCAAGTTTCTGGAAGA
CTCCGGGAGGAGGTGACAAAGCTAAGGATGGAGTTGCAGGTGTCCAGCGGCTTTGTGTGCAACACGTGCC
CTGAAAAGTGGATCAATTTCCAACGGAAGTGTACTACTTCGGCAAGGGCACCAAGCAGTGGGTCCACGC
CCGGTATGCCTGTGACGACATGGAAGGGCAGCTGGTCAGCATCCACAGCCCGGAGGAGCAGGACTTCCTG
ACCAAGCATGCCAGCCACACCGGCTCCTGGATTGGCCTTCGGAACCTGGACCTGAAGGGGGAGTTTATCT
GGGTGGATGGGAGCCACGTGGACTACAGCAACTGGGCTCCAGGGGAGCCACCAGCCGGAGCCAGGGCGA
GGACTGCGTGATGATGCGGGGCTCCGGTCGCTGGAACGACGCCTTCTGCGACCGTAAGCTGGGCGCCTGG
GTGTGCGACCGGCTGGCCACATGCACGCCGCCAGCCAGCGAAGGTTCCCGGGAGTCCATGGGACCTGATT
CAAGACCAGACCCTGACGCGCCGCTGCCACCCCTCTGCCCTCTCCACTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

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: [NM_002002.4](#)

RefSeq Size: 1652 bp

RefSeq ORF: 966 bp

Locus ID: 2208

UniProt ID: [P06734](#)

Cytogenetics: 19p13.2

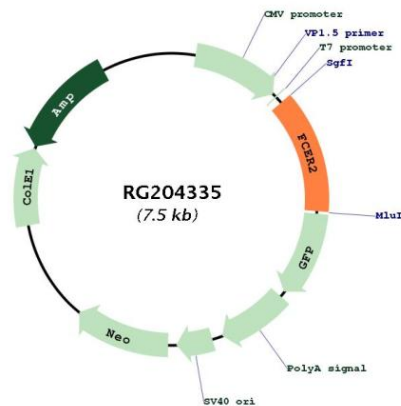
Domains: CLECT

Protein Families: Secreted Protein, Transmembrane

Protein Pathways: Hematopoietic cell lineage

Gene Summary: The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]

Product images:



Circular map for RG204335