

Recombinant Human CR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CR2-2210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CR2 MS Standard C13 and N15-labeled recombinant protein (NP_001868) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	113 kDa
AA Sequence	MGAAGLLGVFLALVAPGVLGISCGSPPPILNGRISYYSTPIAVGTVIRYSCSGTFRLLIG EKSLLCITKDKVDGTWDKPAPKCEYFNKYSSCPEIVPGGYKIRGSTPYRHGDSVTF ACKTNFSMNGNKSVCQANNMWGPTRLPTCVSVFPLECPALPMIHNGHHTSENV GSIAPGLSVTYSCESGYLLVGEKIINCLSSGKWSAVPPTCEEARCKSLGRFPNGKVK EPPILRVGVTANFFCDEGYRLQGPPSSRCVIAGQGVAVTKMPVCEEIFCPSPPPILN GRHIGNSLANVSYGSIPTYTCDPDPEEGVNFILIGESTLRCTVDSQKTGTWSGPAPR CELSTSAVQC PHPQILGRMVSGQKDRYTYNDTVIFACMFGFTLKGSKQIRCNAQG TWEPSAPVCEKECQAPPNILNGQKEDRHMVRFDPGTSIKYSCNPGYVLVGEESIQC

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TSEGVWTPPPVPQCKVAACEATGRQLLTKPQHQFVRPDVNSSCGEGYKLSGGSVYQE
 CQGTIPWFMEIRLCKEITCPPPPVIYNGAHTGSSLEDFPYGTTVTYTCNPGPERGVE
 FSLIGESTIRCTSNDQERGTSWGPAPLCKLSLLAVQCSHVHIANGYKISGKEAPYFYN
 DTVTFKCYSGFTLKGNSQIRCKADNTWDPEIPVCEKETCQHVRQSLQELPAGSRVE
 LVNTSCQDGYQLTGHAYQMCQDAENGIWFKKIPLCKVIHCHPPPVIIVNGKHTGMMA
 ENFLYGNEVSYECDQGFYLLGEKKLQCRSDSKGHGWSWSPQCLRSPPVTRCPN
 PEVKHGYKLNKTHSAYSHNDIVYVDCNPGFIMNGSRVIRCHTDNTWVPGVPTCIKKA
 FIGCPPPKTPNGNHTGGNIARFSPGMSILYSCDQGYLLVGEALLCTHEGTWSQPA
 PHCKEVNCSSPADMDGIQKGLEPRKMYQYGAVVTLECEDGYMLEGSPQSQCQSD
 HQWNPPLAVCRSRSLAPVLCGIAAGLILLTFLIVITLYVISKHRERNYYTDTSQKEAFH
 LEAREVYSVDPYNPASTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CR2 complement C3d receptor 2 [Homo sapiens (human)]
Official Symbol	CR2
Synonyms	CR2; complement component (3d/Epstein Barr virus) receptor 2; complement receptor type 2; CD21; EBV receptor; complement C3d receptor; epstein-Barr virus

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receptor; CR; C3DR; SLEB9;

Gene ID 1380

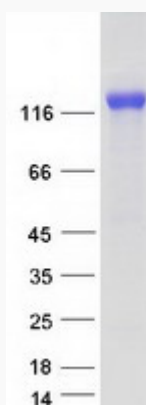
mRNA Refseq NM_001877

Protein Refseq NP_001868

MIM 120650

UniProt ID P20023

SDS-PAGE



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