

Recombinant Human CR2 protein, His & GST-tagged

Cat. No. CR2-836H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CR2 aa. (Lys729~Ser957 (Accession # P20023)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys729~Ser957
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CR2 complement C3d receptor 2 [Homo sapiens (human)]
Official Symbol	CR2
Synonyms	CR; C3DR; CD21; CVID7; SLEB9; EBV receptor; complement component (3d/Epstein Barr virus) receptor 2; complement component 3d receptor 2; complement receptor type 2
Gene ID	1380
mRNA Refseq	NM_001006658.2
Protein Refseq	NP_001006659.1
UniProt ID	P20023

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