

Recombinant Human CD-21 Protein

Cat. No. CDA083P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD-21 protein 1-243 a.a. expressed in E.coli, 54 kDa.
Species	Human
Source	E.coli
Protein Length	1-243 a.a.
Description	CD21, also known as CR2, C3d receptor and EBV receptor), is expressed strongly on mature B cells, follicular dendritic cells and weakly on immature thymocytes and T lymphocytes. In B-cell ontogeny, CD21 appears after the pre-B-stage, is maintained during peripheral B-cell development and is lost upon terminal differentiation into plasma cells. CD21 expression is also gradually lost after stimulation of B cells in vitro. CD21 functions as receptor for C3d, C3dg and iC3b Complement components, for EBV and for IFN α . CD21 binds to CD23 and associates with CD19, CD81 and Leu13 to form a large signal-transduction complex involved in B cell activation.
Presentation	10g/100 μ l Recombinant Human CD-21 protein at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Applications	•ELISA •Inhibition Assays •Western Blotting
Characterization	On SDS-PAGE comassie blue stained gel, the purified recombinant protein shows a band at 54 kDa.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

GENE INFORMATION**Synonyms**

CR2; C3DR; CD21; C3DR; Cr2; OTTHUMP00000034421; OTTHUMP00000034447; SLEB9; CD21 antigen; Complement C3d receptor; EBV receptor; Epstein-Barr virus receptor; complement component (3d/Epstein Barr virus) receptor; complement component (3d/Epstein Barr virus) receptor 2.

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