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
ProteinLength	1-243 a.a.
Description	CD21, also known as CR2, C3d receptor and EBV receptor), is expressed strongly on mature B cells, follicular dentritic 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 IFNalpha. CD21 binds to CD23 and associates with CD19, CD81 and Leu13 to form a large signal-transduction complex involved in B cell activation.
Presentation	10μg/100μRecombinant Human CD-21 protein at 100μg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Applications	•ELISA•Inhibition Assays •Western Blotting
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 54 kDa.

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Storage	Store vial at -20°Cto -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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