

Product datasheet for **TP762364**

CD21 (CR2) (NM_001877) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human complement component (3d/Epstein Barr virus) receptor 2 (CR2), transcript variant 2, Ser603-His718-GGGGS-Trp900-Ser970, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Ser603-His718-GGGGS-Trp900-Ser970) of CD21
Tag:	N-His
Predicted MW:	21.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001868
Locus ID:	1380
UniProt ID:	P20023
RefSeq Size:	4007
Cytogenetics:	1q32.2
RefSeq ORF:	3099
Synonyms:	C3DR; CD21; CR; CVID7; SLEB9



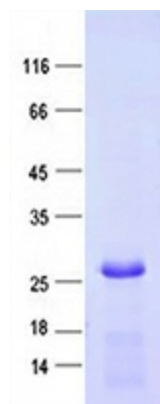
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Summary: This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: B cell receptor signaling pathway, Complement and coagulation cascades, Hematopoietic cell lineage

Product images:



Purified recombinant protein CD21 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.