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# CD21 Protein (AA 12-963) (His tag)



## Image



#### Overview

Quantity:	100 μg
Target:	CD21 (CR2)
Protein Characteristics:	AA 12-963
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD21 protein is labelled with His tag.

### **Product Details**

Purpose:	Mouse CD21 Protein
Sequence:	Ile12-Trp963
Characteristics:	Recombinant Mouse CD21 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ile12-Trp963.
Purity:	> 90 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

#### **Target Details**

Target:	CD21 (CR2)
Alternative Name:	CD21 (CR2 Products)

#### **Target Details**

Background:	A natural soluble form of CD21 that is cleaved from lymphocyte membrane CD21 circulates in normal human serum. Soluble CD21 retains the capacity to bind iC3b and CD23, the known ligands of membrane CD21. In a similar fashion to IgE complexes, another ligand of CD23, the soluble CD21 was shown to efficiently trigger CD23-signalling pathways in human monocytes.
Molecular Weight:	106.03 kDa. Due to glycosylation, the protein migrates to 130-160 kDa based on Tris-Bis PAGE result.
UniProt:	P19070
Pathways:	Complement System

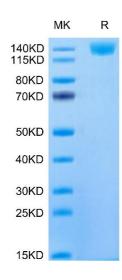
#### **Application Details**

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

#### **Images**



#### **SDS-PAGE**

 $\mbox{Image 1.}$  Mouse CD21 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .