

Mouse CD21 Protein

Cat. No. CD2-MM121

Description

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| Source | Recombinant Mouse CD21 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ile12-Trp963. |
| Accession | P19070 |
| Molecular Weight | The protein has a predicted MW of 106.03 kDa. Due to glycosylation, the protein migrates to 130-160 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per μg by the LAL method. |
| Purity | > 90% as determined by Bis-Tris PAGE |

Formulation and Storage

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| Formulation | Supplied as 0.22 μm filtered solution in PBS (pH 7.4). |
| Storage | 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. |

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.

Assay Data

Bis-Tris PAGE



Mouse CD21 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.