

CD21 Protein, Mouse, Recombinant (His)

General Information

| | |
|-----------------------|--|
| Synonyms: | C3DRSLEB9;CR2;CVID7;C3DR;CD21;SLEB9;EBV receptor |
| Protein Construction: | Ile12-Trp963 |
| Species: | Mouse |
| Expression Host: | HEK293 Cells |
| Accession: | P19070 |
| Molecular Weight: | 106.03 kDa (predicted). Due to glycosylation, the protein migrates to 130-160 kDa based on Tris-Bis PAGE result. |

QC Testing

| | |
|----------------------|---|
| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | > 90% as determined by Tris-Bis PAGE |
| Endotoxin: | < 1.0 EU/µg of the protein as determined by the LAL method. |
| Formulation: | Supplied as 0.22 µm filtered solution in PBS (pH 7.4). |

Preparation and Storage

Stability & Storage:

It is recommended to store the product under sterile conditions at -70°C or lower. Samples are stable for up to 12 months at -80°C. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein 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.

Reference

Frémeaux-Bacchi V, et al. Functional properties of soluble CD2 Immunopharmacology. 1999 May;42(1-3):31-7. doi: 10.1016/s0162-3109(99)00026-0. PMID: 10408363.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481