

RP03244

Leader in Biomolecular Solutions for Life Science



Recombinant Mouse CD19 Protein

Catalog No.: RP03244 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	12478	P25918

Tags

C-His

Synonyms

CD19; B4; CVID3; Leu-12; MGC12802

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by Tris-Bis PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Background

CD19 functions as coreceptor for the B-cell antigen receptor complex (BCR) on B-lymphocytes. It decreases the threshold for activation of downstream signaling pathways and for triggering B-cell responses to antigens. CD19 also activates signaling pathways that lead to the activation of phosphatidylinositol 3-kinase and the mobilization of intracellular Ca²⁺ stores.

Basic Information

Description

Recombinant Mouse CD19 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg19-Gly287) of Mouse CD19 (Accession #P25918) fused with His tag at the C-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

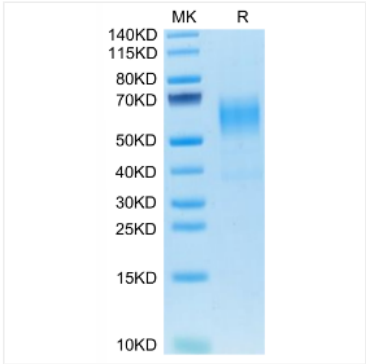
Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting
the protein. For long term storage, it is
recommended to add a carrier protein
or stabilizer (e.g. 0.1% BSA, 5% HSA,
10% FBS or 5% Trehalose), and aliquot
the reconstituted protein solution to
minimize free-thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse CD19 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.