

Recombinant Human CD19 Protein (C-His, Expi293)

Cat. No. bs-47227P

Description

Protein Sequence	Human CD19 Protein with His tag in C terminus (Pro20-Lys291).
Source	HEK293 Cells
Mol wt	60.1kD
Endotoxin	Less than 1EU per µg by the LAL method
Purity	> 95% as determined by Tris-Bis PAGE
Application	Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.
Activity assay	Not tested.

Formulation and Storage

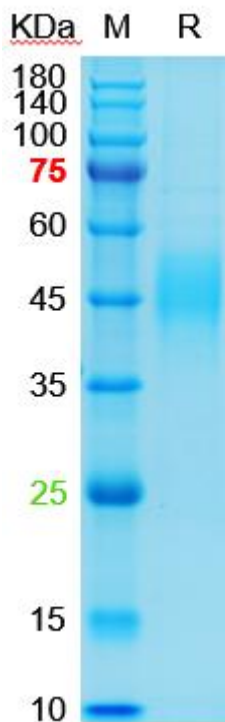
Format	Liquid
Concentration	≥0.5 mg/ml
Buffer	sterile PBS, pH7.4
Storage	Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles.

Background

CD19 is a transmembrane glycoprotein that is delectively expressed on the cell surface of B-lymphocytes, where it activates intracellular signaling cascades involving both Ras and phosphatidylinositol 3-kinase pathways. Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

Assay Data

SDS-PAGE



Recombinant Human CD19 Protein on SDS- PAGE.