

Recombinant Rhesus macaque CD19 protein, Fc-tagged

Cat. No. CD19-159C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus macaque CD19(Pro 20 - Lys 292), fused with Fc of Human IgG1 at C-terminal, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Pro 20 - Lys 292
Predicted N Terminal	Pro 20
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.
Molecular Mass	Has a calculated MW of 56.7kDa. DTT-reduced Protein migrates as 66-100 kDa in SDS-PAGE due to glycosylation.
Endotoxin	Less than 1.0 EU per µg of the Rhesus Macaque CD19 Fc Chimera by the LAL method.
Purity	>95% as determined by reduced SDS-PAGE.
Storage	Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

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GENE INFORMATION

Gene Name	CD19 CD19 molecule [Homo sapiens]
Official Symbol	CD19
Synonyms	CD19; CD19 molecule; CD19 antigen; B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4; B4; CVID3; MGC12802;
Gene ID	930
mRNA Refseq	NM_001178098
Protein Refseq	NP_001171569
MIM	107265
UniProt ID	P15391
Chromosome Location	16p11.2
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem;
Function	receptor signaling protein activity;

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