

Active Recombinant Human CD19 protein, His-tagged, Low Endotoxin

Cat. No. CD19-534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD19 protein(P15391-1)(20-278 aa with site mutations), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-278 aa with site mutations
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human UltraPro Mutant CD19, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Coltuximab, hFc Tag with the EC50 of 4.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 29.93 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

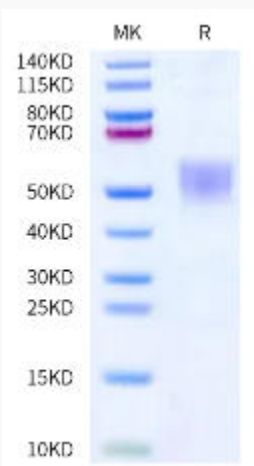
UniProt ID [P15391](#)

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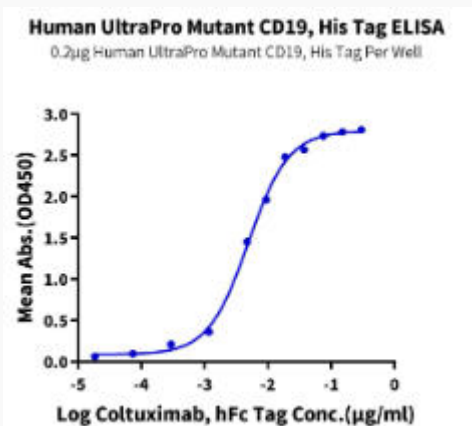
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Bis-Tris PAGE



ELISA Data



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