Active Recombinant Human CD19 protein, His-tagged, FITC-labeled

Cat. No. CD19-342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-labeled Recombinant Human CD19 protein(Pro 20 - Lys 291), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Pro 20 - Lys 291
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	2e5 of anti-CD19 CAR-293 cells were stained with 100 μL of 10 μg/mL of FITC-Labeled Human CD19 (20-291), His Tag and negative control protein respectively. FITC signal was used to evaluate the binding activity.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 32.0 kDa. The protein migrates as 47-58 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	FITC

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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