

Active Recombinant Human CD19 protein, His-tagged, Site-specific PE-Labeled

Cat. No. CD19-4669H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Site-specific PE-Labeled Active Recombinant Human CD19 protein(P15391-1)(Pro 20 - Lys 291), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Pro 20 - Lys 291
Tag	C-His
Conjugation/Label	Site-specific PE
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.
Bio-activity	1e6 of the anti-CD19 CAR-293 cells were stained with 100 µL of 1:50 dilution (2 µL stock solution in 100 µL FACS buffer) of PE-Labeled Human CD19 (20-291), His Tag.
Molecular Mass	The protein has a calculated MW of 33.7 kDa.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please protect from light and avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

This product is stable after storage at:
 -20°C to -70°C for 12 months in lyophilized state;
 -70°C for 6 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.

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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