

Recombinant Human CD19 protein (Glu21-Arg277), His-tagged

Cat. No. CD19-15H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD19 (NP_001761.3, with mutation Asn 138 Gln) (Glu21-Arg277) protein, fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells.
Species	Human
Source	Insect Cells
ProteinLength	21-277 a.a.
CommonName	CD19
Predicted N Terminal	Glu 21
Form	Lyophilized from sterile PBS, pH 7.5, 10 % glycerol, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant human CD19 consists of 268 amino acids and predicts a molecular mass of 29.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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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