

Recombinant Human CD19 protein, His-tagged

Cat. No. CD19-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD19(Pro20 - Val279) fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-279 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free).
Molecular Mass	Calculated molecular mass (kDa): 29.9; Estimated by SDS-PAGE under reducing condition (kDa): ~45 probably due to glycosylation
AA Sequence	PEEPLVVKVEEGDNAVLQCLKGTSDGPTQQLTWSRESPLKPFLKLSLGLPGLGIHM RPLAIWLFIFNVSQQMGGFYLCQPGPPSEKAWQPGWTVNVEGSGELFRWNVSDLG GLGCGLKNRSSEGPSSPSGKLMSPKLYVWAKDRPEIWEGEPPCLPPRDSLNSLS QDLTMAPGSTLWLSCGVPPDSVSRGPLSWTHVHPKGPKSLLSLELKDDRPARDMW VMETGLLLPRATAQDAGKYYCHRGNTMSFHLEITARPVSTGHHHHHHHHH
Endotoxin	<0.1 EU per 1 µg of purified recombinant protein determined by the LAL method
Purity	>95% judged by SDS-PAGE under reducing condition

GENE INFORMATION

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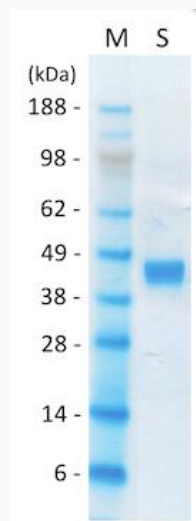
 45-1 Ramsey Road, Shirley, NY 11967, USA

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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