

Recombinant Human CD19 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD19-809H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD19 MS Standard C13 and N15-labeled recombinant protein (NP_001761) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.
Molecular Mass	61.1 kDa
AA Sequence	MPPPRLLFFLLFLTPMEVRPEEPLVVKVEEGDNAVLQCLKGTSDGPTQQLTWSRES PLKPFLKLSLGLPGLGIHMRPLAIWLFIFNVSQQMGGFYLCQPGPPSEKAWQPGWT VNVEGSGELFRWNVSDLGGLGCGLKNSSEGPPSSPSGKLMSPKLYVWAKDRPEIW EGEPPCLPPRDSLNQSLSQDLTMAPGSTLWLSCGVPPDSVSRGPLSWTHVHPKGP KSLLSLELKDDRPARDMWVWVETGGLLPRTAQDAGKYYCHRGNTMSFHLEITARP VLWHWLLRTGGWKVSAVTLAYLIFCLCSLVGILHLQALVLRKRKRMTDPTTRFFK VTPPPGSGPQNQYGNVLSLPTPTSGLGRAQRWAAGLGGTAPSYGNPSSDVQADG

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ALGSRSPPGVGPEEEEEGEGYEEDSEEDSEFYENDSNLGQDQLSQDGSQGYENPE
DEPLGPEDEDSFSNAESYENEDEELTQPVARTMDFLSPHGSADWDPSREATSLGSQ
SYEDMRGILYAAPQLRSIRGQPGPNHEEDADSYENMDNPDGPDPAWGGGGGRMGT
WSTRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CD19 CD19 molecule [Homo sapiens (human)]

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_001770

Protein Refseq NP_001761

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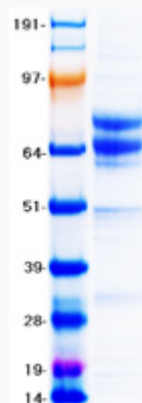
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MIM 107265

UniProt ID P15391

SDS-PAGE



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