

# Recombinant Human CD19 Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** CD19-408HAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant human CD19, transcript variant 2, fused with Fc tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	57 kDa
<b>Purity</b>	> 80 % as determined by SDS-PAGE and Coomassie blue staining
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<b>Concentration</b>	> 50 µg/mL as determined by microplate BCA method

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<b>Storage Buffer</b>	1 × PBS, pH 7.4, 10% glycerol.
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<b>Conjugation</b>	Alexa Fluor 647
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## GENE INFORMATION

<b>Gene Name</b>	CD19 CD19 molecule [ Homo sapiens ]
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<b>Official Symbol</b>	CD19
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<b>Synonyms</b>	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;
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<b>Gene ID</b>	930
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<b>mRNA Refseq</b>	NM_001770
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<b>Protein Refseq</b>	NP_001761
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<b>MIM</b>	107265
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<b>UniProt ID</b>	P15391
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