

Recombinant Human CD19 Protein, DYKDDDDK-tagged

Cat. No. CD19-765H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human CD19 molecule(CD19), transcript variant 2(NM_001770), with a DYKDDDDK tag, was expressed in human cells. |
| Species | Human |
| Source | Human Cells |
| 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. |
| Form | Purified protein formulated in a sterile solution of TBS buffer, pH7.364, without any preservatives. |
| Molecular Mass | 57 kDa |
| Endotoxin | Endotoxin level is < 0.1 ng/g of protein (<1EU /g) |
| Purity | >90% by SDS-PAGE gel and Coomassie Blue staining |
| Applications | Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies. |

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GENE INFORMATION

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|------------------------|--|
| 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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