

CD19 (Human) Recombinant Protein

Catalog # P9658

Size 5 ug

Specification

Product Description	Human CD19 (P15391, 21 a.a. - 291 a.a.) partial recombinant protein with hlgG-His tag at C-terminus expressed in Sf9 cells.
Sequence	EEPLVVKVEEGDNAVLQCLKGTSDGPTQQLTWSRESPLKPFLKLSLGLPGLGIHMRPLAWLFIFN VSQQMGGFYLCQPGPPSEKAWQPGWTVNVEGSGELFRWNVSDLGGLGCGLKNRSSEGPSSP SGKLMSPKLYWAKDRPEMEGEPCLPPRDSL NQSLSQDLTMAPGSTLWLSGCVPPDSVSRG PLSWTHVHPKGPKSLLSLELKDDRPARDMWV METGLLLPRATAQDAGKYCHRG NLTMSFHLEI TARPVLWHWLLRTGGWKLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTC VVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKV S NKALPAIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPEN NYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNV FSCSVMHEALHNHYTQKSLSLSPGKHHHHHHH
Host	insect
Theoretical MW (kDa)	57
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 85.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD19

Entrez GeneID [930](#)

Protein Accession# [P15391](#)

Gene Name CD19

Gene Alias B4, MGC12802

Gene Description CD19 molecule

Omim ID [107265](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations B-lymphocyte antigen CD19|CD19 antigen

Pathway

- [B cell receptor signaling pathway](#)
- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)

Disease

- [Arthritis](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Pemphigus](#)

- [Scleroderma](#)