

## Recombinant Human CD19 Protein, Fc-tagged

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

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human CD19, transcript variant 2, fused with Fc tag at C-terminal was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                  |
| 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. |
| Form             | 1 x PBS, pH7.4, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Molecular Mass   | 57 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                             |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                        |

### GENE INFORMATION

|           |                                     |
|-----------|-------------------------------------|
| Gene Name | CD19 CD19 molecule [ Homo sapiens ] |
|-----------|-------------------------------------|

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                        |                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | CD19                                                                                                                                                                             |
| <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; |
| <b>Gene ID</b>         | 930                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_001770                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_001761                                                                                                                                                                        |
| <b>MIM</b>             | 107265                                                                                                                                                                           |
| <b>UniProt ID</b>      | P15391                                                                                                                                                                           |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA