

Recombinant Human CD19 Protein, GST-Tagged

Cat. No. CD19-0732H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD19 full-length ORF (NP_001761.3, 1 a.a. - 556 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	87.5 kDa
AA Sequence	MPPPRLLFFLLFLTPMEVRPEEPLVVKVEEGDNAVLQCLKGTSDGPTQQLTWSRES PLKPFLKLSLGLPGLGIHMRPLAIWLFIFNVSQQMGGFYLCQPGPPSEKAWQPGWT VNVEGSGELFRWNVSDLGGLGCGLKNSSEGPSSPSGKLMSPKLYVWAKDRPEIW EGEPPCLPPRDSL NQSL SQDLTMAPGSTLWLSCGVPPDSVSRGPLSWTHVHPKGP KSLLSLELKDDRPARDMWV METGLLLPRATAQDAGKY YCHRGNL TMSFHLEITARP VLWHWLLRTGGWKVSAVTLAYLIFCLCSLVGILHLQRALVLRKRKRMTDPTRRFFK VTPPGSGPQNQYGNVLSLPTPTSGLGRAQRWAAGLGGTAPSYGNPSSDVQADG ALGSRSPPGVGPEEEEEGEGYE EPDSEEDSEFYENDSNLGQDQLSQDGS GYENPE

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DEPLGPEDEDSFSNAESYENEDEELTQPVARTMDFLSPHGSAWDPSREATSLGSQ
SYEDMRGILYAAPQLRSIRGQPGPNHEEDADSYENMDNPDGPDPAWGGGGRMGT
WSTR

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

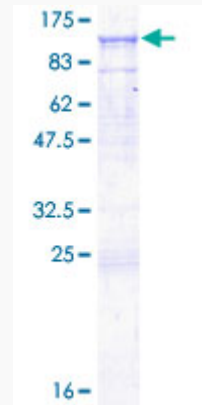
MIM

107265

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UniProt ID**P15391****Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

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