

Human CD19 Recombinant Protein



RPPB3032

Product Information Protein Information

Product SKU:

RPPB3032

Accession:

P15391

Host:

Sf9, Baculovirus cells.

Protein description:

CD19 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 510 amino acids (21-291a.a.) and having a molecular mass of 57.0kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). CD19 is expressed with a 239 amino acid hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

CD19 Molecule, B-Lymphocyte Surface Antigen B4, T-Cell Surface Antigen Leu-12, Differentiation Antigen CD19, CD19 Antigen, B-Lymphocyte Antigen CD19, CVID3, B4.

Formulation:

CD19 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

EEPLVVKVEE GDNVLQCLK GTS DGPTQQL TWSRESPLKP FLKLSLGLPG LGIHMRLAI WLFIFNVSQQ
MGGFYLCQPG PPSEKAWQPG WTVNVEGSGE LFRWNVSDLG GLGCGLKNRS SEGSSPSGK LMSPKLYVWA
KDRPEIWEGE PPCLPPRDSL NQSLSQLTM APGSTLWLSG GVPPDSVSRG PLSWTHVHPK GPKSLLSLEL
KDDRPARDMW VMETGLLLPR ATAQDAGKYY CHRGNLTMSF HLEITARPVL WHWLLRTGGW KLEPKSCDKT
HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE
EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQV
SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH
NHYTQKLSLSL SPGKHHHHHH