

Human CD18 Recombinant Protein



RPPB3009

Product Information Protein Information

Product SKU:

RPPB3009

Accession:

P05107

Host:

Sf9, Baculovirus cells.

Protein description:

CD18 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 686 amino acids (23-700 a.a.) and having a molecular mass of 75.9kDa (Migrates at 70-100kDa on SDS-PAGE under reducing conditions).CD18 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Integrin Subunit Beta 2, Integrin, Beta 2 (Complement Component 3 Receptor 3 And 4 Subunit), Complement Component 3 Receptor 3 And 4 Subunit, CD18, MF17, Integrin, Beta 2 (Antigen CD18 (P95), Lymphocyte Function-Associated Antigen 1; Macrophage Antigen 1 (Mac-1) Beta Subunit), Cell Surface Adhesion Glycoprotein (LFA-1/CR3/P150,959 Beta Subunit Precursor), Cell Surface Adhesion Glycoproteins LFA-1/CR3/P150,95 Subunit Beta, Leukocyte-Associated Antigens CD18/11A, CD18/11B, CD18/11C, Leukocyte Cell Adhesion Molecule CD18, Complement Receptor C3 Beta-Subunit, Complement Receptor C3 Subunit Beta, Integrin Beta Chain, Beta 2, CD18 Antigen, LFA-1, MAC-1, LCAMB, MF17, LAD, CD18.

Formulation:

CD18 protein solution (0.25mg/ml) containing 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:

QECTKFKVSS CRECIESGPG CTWCQKLNFT GPGDPDSIRC DTRPQLLMRG CAADDIMDPT SLAETQEDHN
GGQKQLSPQK VTLYL RGPQA AAFNVTFERRA KGYPIDLYL MDLSYSMLDD LRNVKKGDD LLRALNEITE
SGRIGFGSFV DKTVLPFVNT HPDKLRNPPC NKEKECQPPF AFRHVLKLTN NSNQFQTEVG KQLISGNLDA
PEGGLDAMMQ VAACP EEW RNVTRLLVFA TDDGFHFAGD GKLGAILTPN DGRCHLEDNL YKRSNEFDYP
SVGQLAHKLA ENNIQPIFAV TSMVKTYEK LTIIPKSAV GELSESSNV VQLIKNAYNK LSSRVFLDHN
ALPDTLKVTY DSFCSNGVTH RNQPRGDCDG VQINVPITFQ VKVTATECIQ EQSFVIRALG FTDIVTVQVL
PQCECRCDQ SRDRSLCHGK GFLECGICRC DTG YIGKNCE CQTQGRSSQE LEGSCRKDN N SIICSLGDC
VCGQCLCHTS DVPGLIYGQ YCEDTINCE RYNGQVCGGP GRGLCFGK RCHPGFEGSA QCERTTEGC
LNPRRVECSG RGRRCNVCE CHSGYQLPLC QECPCPSPC GKYISCAECL KFEKGPFGKN CSAACPLQL
SNNPVKGRTC KERDSEGCWV AYTLQQDGM DRYLIYVDES RECVAGPNLE HHHHHH