

## CD18 Human Recombinant

<b>Item Number</b>	rAP-0093
<b>Synonyms</b>	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
<b>Description</b>	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
<b>Uniprot Accesion Number</b>	P05107
<b>Amino Acid Sequence</b>	QECTKFKVSS CRECIESGPG CTWCQKLNFT GPGDPDSIRC DTRPQLLMRG CAADDIMDPT SLAETQEDHN GGQKQLSPQK VTLYLRPGQA AAFNVTFERRA KGYPIDLYYL MDLSYSMLDD LRNVKKLGGD LLRALNEITE SGRIGFGSFV DKTVLPFVNT HPDKLRNPCCP NKEKECQPPF AFRHVLKLTN NSNQFQTEVG KQLISGNLDA PEGGLDAMMQ VAACPEEIGW RNVTRLLVFA TDDGFH- FAGD GKLGAILTPN DGRCHLEDNL YKRSNEFDYP SVGQLAHKLA ENNIQPIFAV TSRMVKTYEK
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	CD18 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**