

32-13107: CD46 Human, Sf9

Alternative Name : AHUS2, MCP, MIC10, TLX, TRA2.10, Membrane cofactor protein, Trophoblast leukocyte common antigen, CD46.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Membrane cofactor protein isoform 14 (CD46), is a type I membrane protein which has cofactor activity for inactivation of complement components C3b and C4b by serum factor I. This function resides in the complement control protein repeats (CCPs), with CCP1-4 vital for regulation. CD46 is also involved in the fusion of the spermatozoa with the oocyte during fertilization. CD46 is common in thymocytes, T cells, B cells, monocytes, granulocytes, NK cells, platelets, endothelial cells, epithelial cells, fibroblasts, placenta and sperm.

CD46 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 268 amino acids (35-313 aa) and having a molecular mass of 32.5kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CD46 is fused to 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : CD46 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

Storage condition : 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 : ADLCEEPPTF EAMELIGKPK PYEIGERVD YKCKKGYFYI PPLATHTICD RNHTWLPVSD DACYRETCPY
IRDPLNGQAV PANGTYEFGY QMHFICNEGY YLIGEEILYC ELKGSVAIWS GKPPICEKVL CTPPP KIKNG
KHTFSEVEVF EYLDAVTYSC DPAPGDPFS LIGESTIYCG DNSVWSRAAP ECKVVKCRFP VVENGKQISG
FGKKFYKAT VMFECDKGFY LDGSDTIVCD SNSTWDPVP KCLKGPRPTY KPPVSNYPGY PKPEEGILDS
LDHHHHHH