

32-3474: CD46 Recombinant Protein

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

Description

Source : E.coli. CD46 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (35-313 a.a) and having a molecular mass of 33.8kDa. CD46 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : CD46 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% 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.