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CD46 Human

CD46 Human Recombinant
CDA0081

Product Overview

Name	CD46 Human
Description	
CD46 Human Recombinant	
Accession (Primary)	P15529
Synonyms	
AHUS2, MCP, MIC10, TLX, TRA2.10, Membrane cofactor protein, Trophoblast leukocyte common antigen, CD46.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CD46 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% glycerol.	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS CEEPPTF EAMELIGKPK PYYEIGERVD YKCKKGYFYI PPLATHTICD RNHTWLPVSD DACYRETCPY IRDPLNGQAV PANGTYEFGY QMHFICNEGY YLIGEEILYC ELKGSVAIWS GKPPICEKVL CTPPPKIKNG KHTFSEVEVF EYLDAVTYSC DPAPGPDPFS LIGESTIYCG DNSVWSRAAP ECKVVKCRFP VVENGKQISG FGKKFYYKAT VMFECDKGFY LDGSDTIVCD SNSTWDPPVP KCLKGPRPTY	

KPPVSNYPGY PKPEEGILDS LD.

Precautions

CD46 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P15529)