

CD46 Human Recombinant

Item Number	rAP-0043
Synonyms	AHUS2, MCP, MIC10, TLX, TRA2.10, Membrane cofactor protein, Trophoblast leukocyte common antigen, CD46.
Description	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.
Uniprot Accession Number	P15529
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSCEEPPTF EAMELIGKPK PYYEIGERVD YKCKKGYFYI PPLATH-TICD RNHTWLPVSD DACYRETCYPY IRDPLNGQAV PANGTYEFGY QMHFICNEGY YLIGEEILYC ELKGSVAIWS GKPPICEKVL CTPPPKIKNG KHTFSEVEVF EYLDVITYSC DPAPGDPFSLIGESTIYCG DNSVWSRAAP ECKVVKCRFP VVENGKQISG FGKKFYKAT VMFECDKGFY LDGSDTIVCD SNSTWDPPVP KCLKGPRPTY KPPVSNYPGY PKPEEGILDS LD.
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	CD46 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**