

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CD46, 35-313aa

产品货号: TP01517

第三版

**别名:** Membrane cofactor protein isoform 14, AHUS2, MCP, MIC10, TLX, TRA2.10.

**描述:** Membrane cofactor protein isoform 14, also known as CD46, is a type I membrane protein that 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 essential for regulation. CD46 is widely distributed on thymocytes, T cells, B cells, monocytes, granulocytes, NK cells, platelets, endothelial cells, epithelial cells, fibroblasts, placenta and sperm, but not on erythrocyte. Recombinant human CD46 protein, fused to His-tag at Nterminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol

**分子量:** 33.8 kDa (302aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSCPEPPTFEAMELIGKPKPYEIGERVDYKCKKGYFYIPPLATHHTICDRNHTWLPVSD  
DACYRETCPIYIRDPLNGQAVPANGTYEFGYQMHFICNEGYLIGEEILYCELKGSVAIWSGKPPICEKVLCTPPPKIKNGKH  
TFSEVEVFEYLDVAVTYSCDPAPGPDPSLIGESTIYCGDNSVWSRAAPECKVVKCRFPVVENGKQISGFGKGFYKATVMFE  
CDKGFYLDGSDTIVCDSNSTWDPPVPKCLKGPRPTYKPPVSNYPGYPKPEEGILDSL

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.