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HLA-DRA, 26-216aa Human, His tag, E.coli

产品货号: TP02461

第三版

**别名:**Major histocompatibility complex, class II, DR alpha, HLA-DA

**描述:**Major histocompatibility complex, class II, DR alpha, also known as HLA-DRA, binds peptides derived from antigens that access the endocytic route of antigen presenting cells (APC) and presents them on the cell surface for recognition by the CD4 T-cells. The peptide binding cleft accommodates peptides of 10-30 residues. The peptides presented by MHC class II molecules are generated mostly by degradation of proteins that access the endocytic route, where they are processed by lysosomal proteases and other hydrolases. Recombinant human HLA-DRA, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**分子量:**24.3 kDa (212aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMIKEEHVIIQAEFYLNPDQSGEFMFDFDGDEIFHVDMAKKETVWRLEEFGRFASF EAQG  
ALANIAVDKANLEIMTKRSNYTPITNVPPEVTVLNTPVELREPVLICFIDKFTPPVNVNVTWLRNGKPVTTGVSETVFLPR  
EDHLFRKFHYLPFLPSTEDVYDCRVEHWGLDEPLLKHWEFDAPSPLPETTE

**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.