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32-3966: HLA-DRA Recombinant Protein

Alternative Name :	Major Histocompatibility Complex,Class II,DR Alpha,HLA-DRA1, MHC Class II AntigenDRA,MLRW,Histocompatibility AntigenHLA-DR Alpha,HLAClass II Histocompatibility Antigen,DR Alpha Chain,MHC Cell Surface Glycoprotein,HLA-DRA1.

Description

Source : Escherichia Coli. HLA-DRA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 212 amino acids (26-216 a.a) and having a molecular mass of 24.3kDa.HLA-DRA is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Major histocompatibility complex, class II, DR alpha (HLA-DRA) belongs to the MHC class II family. HLA-DRA binds peptides derived from antigens which access the endocytic route of antigen presenting cells (APC) and presents them on the cell surface for identification 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 mainly by degradation of proteins which access the endocytic route, where they are processed by lysosomal proteases and other hydrolases.

Product Info

Amount :	20 µg
Purification :	"Greaterthan 90% as determined by SDS-PAGE."
Content :	HLA-DRA protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
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).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MIKEEHVIIQ AEFYLNPDQS GEFMFDFDGD EIFHVDMAKK ETVWRLEEFG RFASFEAQGA LANIAVDKAN LEIMTKRSNY TPITNVPPEV TVLTNSPVEL REPNVLICFI DKFTPPVVNV TWLRNGKPVT TGVSETVFLP REDHLFRKFH YLPFLPSTED VYDCRVEHWG LDEPLLKHWE FDAPSPLPET TE

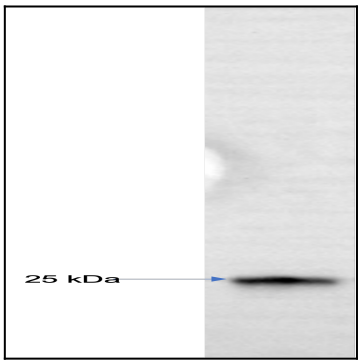

Figure 1: Western Blot Analysis. Loaded 5ug of protein, using 1:5000 dilution of Anti-His HRP.