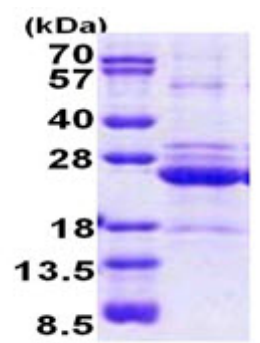


AR51010PU-N

Human HLA class II DO alpha / HLA-DOA (26-217, His-tag) - Purified

Alternate names:	HLA class II histocompatibility antigen DO alpha chain, HLA-DNA, HLA-DZA, MHC DN-alpha, MHC DZ alpha, MHC class II antigen DOA
Quantity:	0.5 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	HLA-DOA belongs to the HLA class II alpha chain paralogues. HLA-DOA forms a heterodimer with HLA-DOB. The heterodimer, HLA-DO, is found in lysosomes in B cells and regulates HLA-DM-mediated peptide loading on MHC class II molecules. In comparison with cla
Uniprot ID:	P06340
NCBI:	NP_002110
GeneID:	3111
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Description:	AA Sequence: MGSSHHHHH SSGLVPRGSH MGSTKADHMG SYGPAFYQSY GASGQFTEF DEEQLFSVDL KKSEAVWRLP EFGDFARFDP QGGLAGIAAI KAHL DILVER SNRSRAINVP PRVTVLPKSR VELGQPNILI CIVDNIFFPV INITWLRNGQ TVTEGVAQTS FYSQPDHLFR KFHLYLPFVPS AEDVYDCQVE HWGLDAPLLR HWELQVPIPP PDAME Molecular weight: 24.1 kDa (215aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Yoon,T., et al. (2012) Proc. Natl. Acad. Sci. U.S.A. 109 (28), 11276-11281 Gieger,C., et al. (2012) Nature 480 (7376), 201-208

Pictures:



15% SDS-PAGE (3ug)