

OriGene Technologies, Inc.

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## Product datasheet for AR51010PU-S

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

## **Product data:**

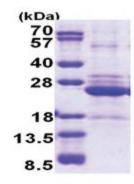
Product Type:	Recombinant Proteins
Description:	HLA class II DO alpha / HLA-DOA (26-217, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSTKADHMG SYGPAFYQSY GASGQFTHEF DEEQLFSVDL KKSEAVWRLP EFGDFARFDP QGGLAGIAAI KAHLDILVER SNRSRAINVP PRVTVLPKSR VELGQPNILI CIVDNIFPPV INITWLRNGQ TVTEGVAQTS FYSQPDHLFR KFHYLPFVPS AEDVYDCQVE HWGLDAPLLR HWELQVPIPP PDAME
Tag:	His-tag
Predicted MW:	24.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Preparation:	Liquid purified protein
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 002110</u>
Locus ID:	3111
UniProt ID:	P06340, X5CF87, A0A1V0E3Q8, A0A1V0E3S6, A0A1V0E3R8, A0A1V0E3Q1, A0A1V0E3N6, A0A1V0E3Q3, A0A1V0E3P3, A0A1V0E3N7, A0A1V0E3S4, A0A1V0E3Q4, A0A1V0E3R4, A0A1V0E3P8, A0A1V0E3R0, A0A1V0E3R3, A0A1V0E3N1, A0A1V0E3Q7, A0A1V0E3R6, A0A1V0E3N3, A0A1V0E3P0, A0A1V0E3Q5, A0A1V0E3P1, A0A1V0E3M7, A0A1V0E3P9, A0A1V0E3P6, A0A1V0E3Q2, A0A1V0E3T1, A0A1V0E3S0, A0A1V0E3S7, A0A1V0E3Q6
Cytogenetics:	6p21.32
Synonyms:	HLA-DNA; HLA-DZA; HLADZ



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	HLA class II DO alpha / HLA-DOA (26-217, His-tag) Human Protein – AR51010PU-S
Summary:	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 classical HLA class II molecules, this gene exhibits very little sequence variation, especially at the protein level. [provided by RefSeq, Jul 2008]
Protein Families	: Transmembrane
Protein Pathway	<b>rs:</b> Allograft rejection, Antigen processing and presentation, Asthma, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Graft-versus-host disease, Systemic lupus erythematosus, Type I diabetes mellitus, Viral myocarditis

## Product images:



15% SDS-PAGE (3ug)

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