

## Product datasheet

# Recombinant Human HLA-DOA protein (denatured) ab167908

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### Description

<b>Product name</b>	Recombinant Human HLA-DOA protein (denatured)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P06340</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSTKADHMG SYGPAFYQSY GASGQFTEF DEEQLFSVDL KKSEAVWRLP EFGDFARFDP QGGLAGIAAI KAHLDILVER SNRSRAINVP PRVTVLPKSR VELGQPNILI CVDNIFPPV INITWLRNGQ TVTEGVAQTS FYSQPDHLFR KFHYPFVPS AEDVYDCQVE HWGLDAPLLR HWELQVPIPP PDAME
<b>Predicted molecular weight</b>	24 kDa including tags
<b>Amino acids</b>	26 to 217
<b>Tags</b>	His tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab167908** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

**Form** Liquid

### Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

pH: 8

Constituents: 2.4% Urea, 10% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

## General Info

### Relevance

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.

### Cellular localization

Cell Membrane; Single-pass type I membrane protein.

## Images



15% SDS-PAGE analysis of 3 µg ab167908.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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