Recombinant Human HLA-DOA Protein, GST-tagged

Cat. No. HLA-DOA-4838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HLA-DOA partial ORF (NP_002110.1, 28 a.a. - 125 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	28-125 a.a.
Description	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
Molecular Mass	36.52 kDa
AA Sequence	ADHMGSYGPAFYQSYGASGQFTHEFDEEQLFSVDLKKSEAVWRLPEFGDFARFDP QGGLAGIAAIKAHLDILVERSNRSRAINVPPRVTVLPKSRVEL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

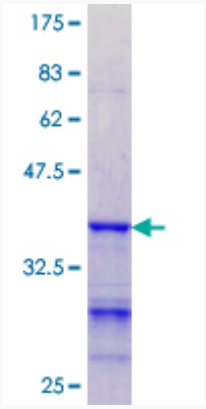
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HLA-DOA major histocompatibility complex, class II, DO alpha [Homo sapiens]
Official Symbol	HLA-DOA
Synonyms	HLA-DOA; major histocompatibility complex, class II, DO alpha; HLA DNA, HLA DZA; HLA class II histocompatibility antigen, DO alpha chain; HLA D0 alpha; HLA-D0-alpha; MHC DN-alpha; MHC DZ alpha; lymphocyte antigen; MHC class II antigen DOA; major histocompatibility complex, class II, DN alpha; HLADZ; HLA-DNA; HLA-DZA;
Gene ID	3111
mRNA Refseq	NM_002119
Protein Refseq	NP_002110
MIM	142930
UniProt ID	P06340

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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