

Recombinant Human HLA-DQB1 protein, GST-tagged

Cat. No. HLA-DQB1-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-DQB1(1 a.a. - 261 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-261 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	56.3 kDa
AA Sequence	MSWKKALRIPGGLRVATVTLMLAMLSTPVAEGRDSPEDFVYQFKGMCYFTNGTERV RLVTRYIYNREEYARFDS VGVYRAVTPLGPPAAEYWNSQKEVLERTRAELDTVCR HNYQLELR TTLQRRVEPTVTISPSRTEALNHHNLLVCS VTDFYPAQIKVRWFRNDQE ETTG VVSTPLIRNGDWTFQILVMLEMT PQRGDVYTCHVEHPSLQNP IIVEWRAQSE SAQSKMLSGIGGFVLGLIFLGLGLIIH HRSQKGLLH
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	HLA-DQB1 major histocompatibility complex, class II, DQ beta 1 [Homo sapiens]
Official Symbol	HLA-DQB1
Synonyms	HLA-DQB1; major histocompatibility complex, class II, DQ beta 1; HLA DQB; HLA class II histocompatibility antigen, DQ beta 1 chain; CELIAC1; IDDM1; MHC DQ beta; MHC class2 antigen; lymphocyte antigen; MHC class II antigen DQB1; MHC class II DQ beta chain; MHC class II antigen HLA-DQ-beta-1; MHC class II HLA-DQ beta glycoprotein; HLA-DQB;
Gene ID	3119
mRNA Refseq	NM_001243961
Protein Refseq	NP_001230890
MIM	604305
UniProt ID	P01920
Chromosome Location	6p21.3
Pathway	Adaptive Immune System, organism-specific biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Asthma, organism-specific biosystem; Asthma, conserved biosystem;

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Function

MHC class II receptor activity; peptide antigen binding; repressing transcription factor binding; toxin binding; ubiquitin protein ligase binding;

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