

Recombinant Human HLA-DQB1 protein, GST-tagged

Cat. No. HLA-DQB1-802H 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 VGVYRAVTPLGPPAAEYWNSQKEVLERTRAE LDTVCR HNYQLELR TTLQRRVEPTVTISPSRTEALNHHNLLVCS VTDFYPAQIKVRWFRNDQE ETTGVVSTPLIRNGDWTFQILVMLEMPQRGDVYTCHVEHPSLQNP IIVEWRAQSE SAQSKMLSGIGGFVLGLIFLGLGLIIHHR SQKGLLH
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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