

Recombinant Human HLA-DPA1 protein, His-tagged

Cat. No. HLA-DPA1-3427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-DPA1 protein(32-224 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-224 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	IKADHVSTYAAFVQTHRPTGEFMFEFDEDEQFYVDLDDKKETVWHLEEFGRAFSFEA QGGLANIAILNNNLNTLIQRSNHTQAANDPPEVTVPKPEVELGQPNTLICHIDRFFPP VLNVTWLCNGEPVTEGVAESLFLPRTDYSFHKFHYLTFVPSAEDVYDCRVEHWGLD QPLLKHWEAQEPIQMPETTETV
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	HLA-DPA1 major histocompatibility complex, class II, DP alpha 1 [Homo sapiens]
Official Symbol	HLA-DPA1
Synonyms	HLA-DPA1; major histocompatibility complex, class II, DP alpha 1; HLA DP1A; HLA class II histocompatibility antigen, DP alpha 1 chain; MHC class II DPA1; HLA-SB alpha chain; MHC class II antigen; MHC class II DP3-alpha; Primed lymphocyte test-1; MHC class II HLA-DPA1 antigen; HLA class II histocompatibility antigen, DP alpha chain; PLT1; HLADP; HLASB; DP(W3); DP(W4); HLA-DP1A;
Gene ID	3113
mRNA Refseq	NM_001242524
Protein Refseq	NP_001229453
MIM	142880
UniProt ID	P20036

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