

Product datasheet for **SC204584**

HLA DP (HLA-DPA1) (NM_033554) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HLA DP (HLA-DPA1) (NM_033554) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HLA-DPA1
Synonyms: DP(W3); DP(W4); DPA1; HLA-DP1A; HLA-DPA; HLA-DPB1; HLADP; HLASB; PLT1
ACCN: NM_033554
Insert Size: 837 bp
Insert Sequence: >SC204584 3'UTR clone of NM_033554
The sequence shown below is from the reference sequence of NM_033554. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CATGACCCCGGGCCAGGGGACCCTGTGAATAACTGTAAAGGTGACAAAATATCTGAACAGAAGAGGA
CTTAGGAGAGATCTGAACCTCAGCTGCCCTACAACTCCATCTCAGCTTTTCTTCTCACTTCATGTGAA
AACTACTCCAGTGGCTGACTGAATTGCTGACCCTTCAAGCTCTGTCTTATCCATTACCTCAAAGCAGT
CATTCTTAGTAAAGTTTCCAACAAATAGAAATTAATGACACTTTGGTAGCACTAATATGGAGATTATC
CTTTCATTGAGCCTTTTATCCTCTGTTCTCCTTTGAAGAACCCTCACTGTCACCTTCCCAGAATACC
CTAAGACCAATAAATACTTCAGTATTTAGAGCGGGGAGACTCTGAGTCATTCTTACTGGAAGTCTAGG
ACCAGGTCACATGTGAATACTATTTCTGAAGGTGTGGTTTCAACCTCTGTTGCCGATGTGGTTACTAA
AGGTTCTGATCCCACTTGAACGGAAAGGTCTGAGGATATTGATTCAGTCTGGGTTTTTCCCTAACTAC
AGGATAGGGTGGGTAGAGAAAGGATATTTGGGGGAAATTTACTTGGATGAAGATTTTCTGGATGTA
GTTTGAAGACTGCAGTGTGTTGAAGTCTCTGAGGGAAGAGATTTGGTCTGTCTGGATCAAGATTTCCAGGC
AGATTAGGATTCCATTCACAGCCCTGAGCTTCTTCCCAAGGCTGTATTGTAATTATAGCAATATTTTC
ATGGAGGATTTTTCTACATGATAAACTAAGAGCCAAGAAATAAAATTTTTAAAATGCCCTAAAAA
AAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_033554.3
Summary:	HLA-DPA1 belongs to the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta (DPB) chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The alpha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and the cytoplasmic tail. Within the DP molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to 4 different molecules. [provided by RefSeq, Jul 2008]
Locus ID:	3113
MW:	32.2