

Recombinant HLA-A*0201 WT-1 (RMFPNAPYL) complex protein, His-Avi-tagged

Cat. No. HLA-A-068H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HLA-A*0201 WT-1 (RMFPNAPYL) complex Protein is expressed from mammalian with a His and avi tag at the C-terminal. It contains Gly 25 - Thr 305 (HLA-A*0201),Ile21-Met119 (B2M) and RMFPNAPYL peptide design
Species	Human
Source	HEK293
ProteinLength	It contains Gly 25 - Thr 305 (HLA-A*0201),Ile21-Met119 (B2M) and RMFPNAPYL peptide design
Description	The WT1 protein plays a role in cell growth, the process by which cells mature to perform specific functions (differentiation), and the self-destruction of cells (apoptosis). WT1 is differentially expressed in serous, endometrioid, clear cell, and mucinous carcinomas of the peritoneum, fallopian tube, ovary, and endometrium.The Human HLA-A*0201 WT-1 (RMFPNAPYL) complex Protein is a complex of HLA-A*0201 of the MHC Class I, B2M and RMFPNAPYL peptide of the WT-1.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	Human HLA-A*0201 WT-1 (RMFPNAPYL) complex Protein has a calculated MW of 50.5kDa. The protein migrates as 50-60 kDa under reducing (R) condition (Bis-Tris PAGE) .

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Endotoxin	Less than 0.001EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

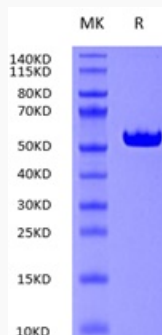
Gene Name	HLA-A major histocompatibility complex, class I, A [Homo sapiens]
Official Symbol	HLA-A
Synonyms	MHC, WT1, RMF, Wilms tumor protein
Gene ID	3105
mRNA Refseq	NM_001242758
Protein Refseq	NP_001229687
UniProt ID	P01891

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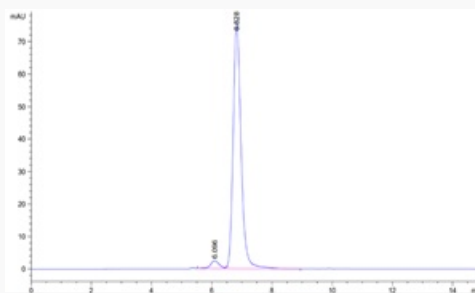
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Tris-Bis PAGE

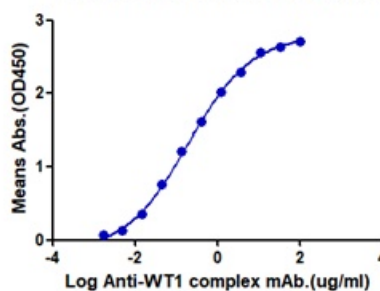


HPLC data



ELISA data

Human HLA-A*0201 WT-1 (RMFPNAPYL)
complex protein, His Tag ELISA



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