Recombinant Human HLA-A*02:01&B2M&HPV16-E6 protein, PE-Labeled

Cat. No. HLA-A*02:01&B2M&HPV16-E6-1560H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PE-Labeled Recombinant Human HLA-A*02:01&B2M&HPV16-E6 protein(Gly25-Ile308(HLA-A*02:01)&Ile21-Met119(B2M)&TIHDIILECV) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly25-Ile308(HLA-A*02:01) & Ile21-Met119(B2M) & TIHDIILECV
Form	Lyophilized from 0.22 μm filtered solution in PBS, 1% BSA, pH7.4 with trehalose as protectant.
Molecular Mass	Molecular CharacterizationPE-Labeled Human HLA-A*02:01&B2M&HPV16-E6 (TIHDIILECV) Tetramer Protein is assembled by biotinylated monomer and PE-labeled streptavidin.Biotinylated Human HLA-A*02:01&B2M&HPV16-E6 (TIHDIILECV) Complex Protein is produced by co-expression of HLA and B2M loaded with HPV16-E6 peptide. Biotinylated Human HLA-A*02:01&B2M&HPV16-E6 (TIHDIILECV) Complex Protein carries a polyhistidine tag at the C-terminus.
Proteinlength	Gly25-Ile308(HLA-A*02:01)&Ile21-Met119(B2M)&TIHDIILECV
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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	HLA-A; major histocompatibility complex, class I, A; HLA class I histocompatibility antigen, A-1 alpha chain; antigen presenting molecule; leukocyte antigen class I-A; MHC class I antigen HLA-A heavy chain; HLAA; FLJ26655;
Gene ID	3105
mRNA Refseq	NM_001242758
Protein Refseq	NP_001229687
UniProt ID	P01891

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