Leader in Biomolecular Solutions for Life Science

www.abclonal.com

# Recombinant Human MAGE-A4 (HLA-A*02:01) Complex Tetramer Protein

**Catalog No.: RP02692** Recombinant

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | | A0A140T913(HLA-A*02:01)&P61769(B2M)&GVYDGREHTV |

**Tags**
C-His&Avi

**Synonyms**
HLA0201; MHC I; MAGE-A4; CT1.4; MAGE4A; MAGE4B; MAGE-X2; member 4

## Product Information

| Source | Purification |
|---|---|
| HEK293 cells | > 95% as determined by Tris-Bis PAGE> 95% as determined by HPLC |

**Endotoxin**
Less than 1EU per μg by the LAL method.

**Formulation**

**Reconstitution**
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact


400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn


## Background

Melanoma-associated antigen 4 is a protein that in humans is encoded by the MAGEA4 gene.The MAGE- A4 antigen is among the most commonly expressed cancer testis antigens. The Human HLA-A*0201 MAGE-A4 (GVYDGREHTV) complex Protein is a complex of HLA-A*0201 of ?the MHC Class I, B2M and GVYDGREHTV peptide of ?the MAGE-A4.

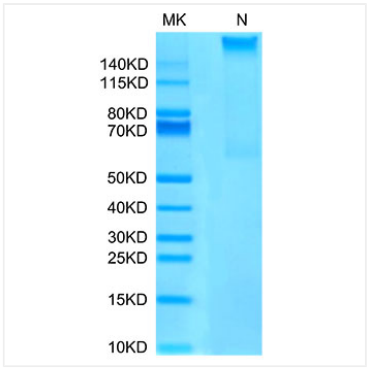
## Basic Information

**Description**
Recombinant Human MAGE-A4 (HLA-A*02:01) Complex Tetramer Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal, tetramer is assembled by biotinylated monomer and streptavidin.It contains Gly25-Thr305(HLA-A*02:01),Ile21-Met119(B2M) and GVYDGREHTV peptide.

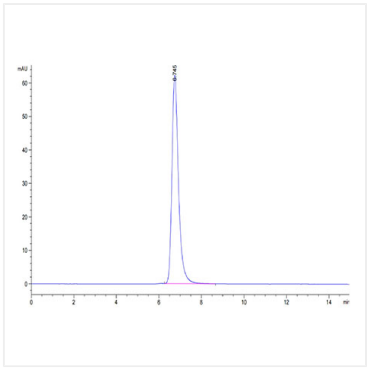
**Bio-Activity**

**Storage**
Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

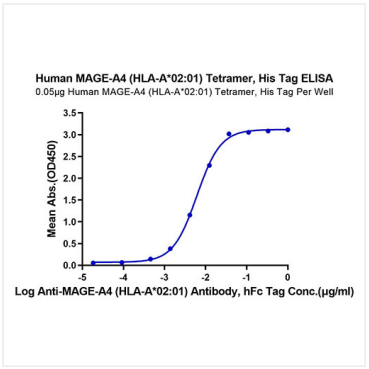
## Validation Data



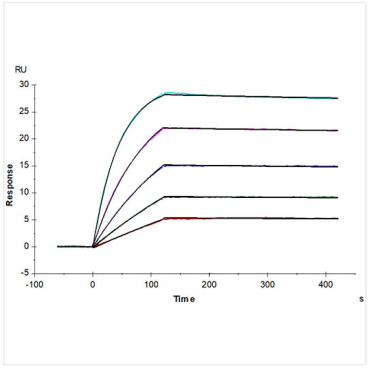

Human MAGE-A4 (HLA-A



02:01) Tetramer on Tris-Bis PAGE under Non reducing (N) condition. The purity is greater than 95%.




The purity of Human MAGE-A4 (HLA-A




02:01) Tetramer is greater than 95% as determined by SEC-HPLC.