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

RPCB1625

Protein Information

Size:	100 µg	**Tag:**	C-His&Avi
Reactivity:	Human	**Expressed Host:**	HEK293 cells
Calculated MW:	258 kDa	**Observerd MW:**	260-265 kDa

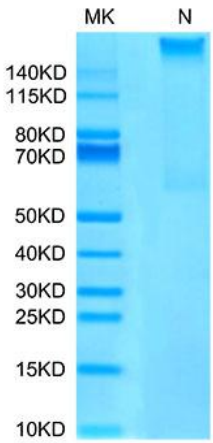
Background

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.

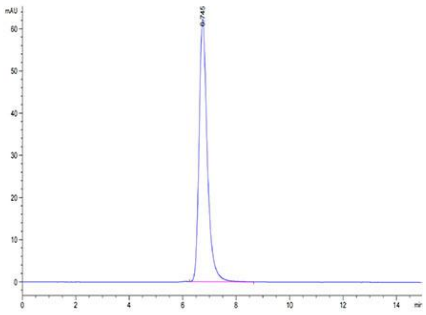
Properties

Synonyms:	HLA0201, MHC I, MAGE-A4, CT1.4, MAGE4A, MAGE4B, MAGE-X2, member 4
Gene ID:	-
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human MAGE-A4 (HLA-A*02:01) Complex Tetramer Protein (RPCB1625), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

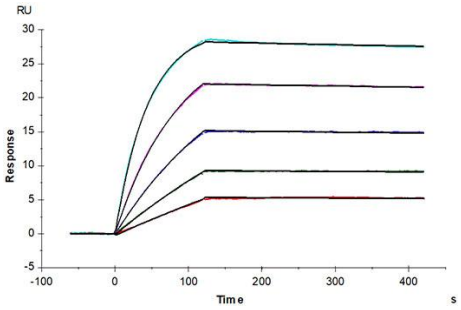
Validation Data



Recombinant Human MAGE-A4 (HLA-A*02:01) Complex Tetramer Protein was determined by Tris-Bis PAGE under non-reducing (NR) conditions.



The purity of Human MAGE-A4 (HLA-A*02:01) Tetramer is greater than 95% as determined by SEC-HPLC.



Anti-MAGE-A4 (HLA-A*02:01) Antibody, hFc Tag captured on CM5 Chip via Protein A can bind Human MAGE-A4 (HLA-A*02:01) Tetramer, His Tag with an affinity constant of 8.49pM as determined in SPR assay (Biacore T200).