

HLA-A*02:01 MAGE-A4 Recombinant Protein | MAGE-A4 recombinant protein

HLA-A*02:01 MAGE-A4 peptide complex

CATALOG #	HOST
AAA76372	HEK cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

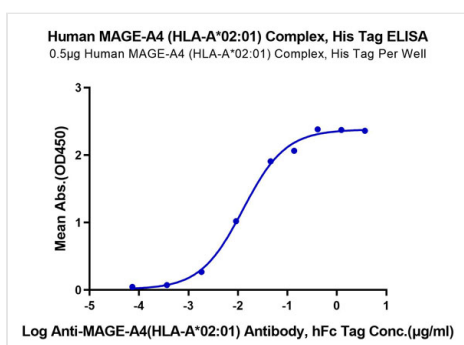
PRODUCT SYNONYMS

HLA-A*02:01 MAGE-A4; HLA-A*02:01 MAGE-A4 peptide complex; MAGE-A4 recombinant protein

PRODUCT SPECIFICATIONS

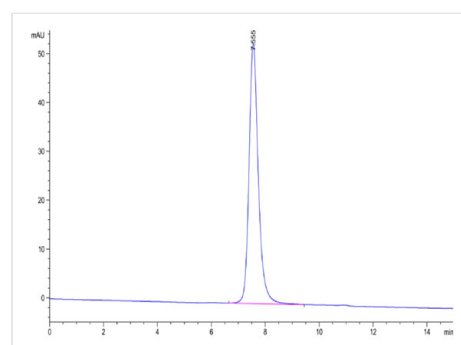
Host	HEK cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	purity was determined to be >95% by nonreducing PAGE and HPLC
Form/Format	Recombinant HLA-A*02:01 MAGE4A was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding the Human (HLA-A*02:01) AA25-305 [accession# P04439] and the B2M protein AA2-119 [accession# P61769], fused to the MAGE-A4 peptide GYVDGREHTV. This complex includes a C terminal polyHis AVI tag and was expressed in HEK cells
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



ELISA

HLA-A*02:01 MAGE-A4 complex peptide complex ELISA
Dose response curve for Anti-HLA-A*02:01 MAGE4A Antibody



Application Data

HLA-A*02:01 MAGE-A4 complex HPLC
The purity of MAGE4A (HLA-A*02:01) complex was greater than 95% as determined by SEC-HPLC.



SDS-PAGE

HLA-A*02:01 MAGE4A peptide complex PAGE1ug loaded Tris-Bis PAGE under reducing condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for MAGE-A4 recombinant protein

[MHC peptide complexes](#)

NCBI AND UNIPROT INFORMATION

Molecular Weight

Recombinant HLA-A/MAGE-A4 has a calculated mass of approximately 50kDa. Due to glycosylation migrates as an approximately 60 kDa protein under reducing conditions in SDS-PAGE.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hla-a-02-01-mage-a4-recombinant-protein/76372>