

HLA-A*02:01 P53 Recombinant Protein | P53 recombinant protein

HLA-A*02:01 P53 peptide complex Tetramer

CATALOG #	HOST
AAA76376	HEK cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

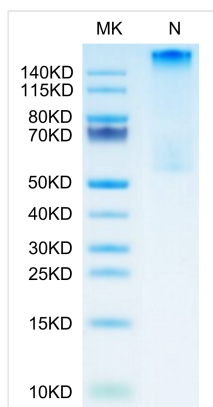
PRODUCT SYNONYMS

HLA-A*02:01 P53; HLA-A*02:01 P53 peptide complex Tetramer; P53 recombinant protein

PRODUCT SPECIFICATIONS

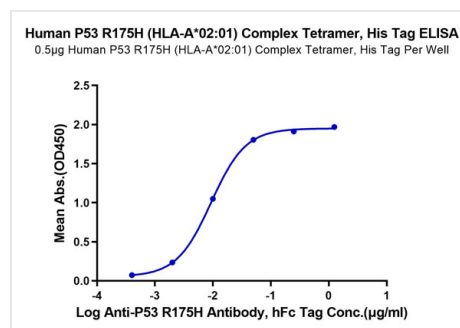
Host	HEK cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant HLA-A*02:01 P53 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding the Human (HLA-A*02:01) AA25-305 [accession# P04439] and the B2M protein AA2-119 [accession# P61769], fused to the wild type P53 epitope HMTEVVRRC. This complex includes a C terminal polyHis AVI tag and was expressed in HEK cells, The tetramer conformation was achieved through biotinylation of the monomer and then covalently binding the monomers via an avidin biotin reaction.
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



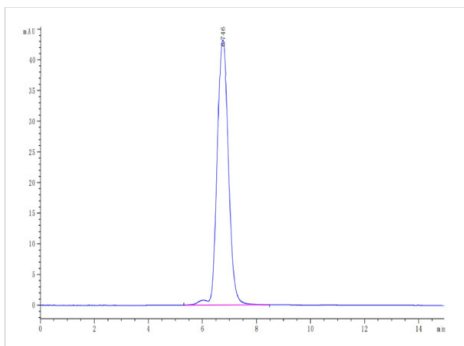
SDS-PAGE

HLA-A*02:01 P53 wild type peptide complex Tetramer PAGE 1ug loaded Tris-Bis PAGE under reducing condition. The purity is greater than 95%.



ELISA

HLA-A*02:01 P53 wild type complex Tetramer peptide complex tetramer ELISA Dose response curve for Anti-HLA-A*02:01 P53 Antibody



Application Data

HLA-A*02:01 P53 complex Tetramer HPLC The purity of P53 (HLA-A*02:01) complex Tetramer was greater than 95% as determined by SEC-HPLC.

ADDITIONAL INFORMATION

Product Categories/Family for P53 recombinant protein

MHC peptide complexes

NCBI AND UNIPROT INFORMATION

Molecular Weight

Recombinant HLA-A/P53 has a calculated mass of approximately 250kDa. Due to glycosylation migrates as an approximately 260 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://stage.aaabiotech.com/hla-a-02-01-p53-recombinant-protein-hek-cells-note-host-protein-expression-may-be-lot-specific-and-can-be-subject-to-change-during-production-including-bulk-orders/76376>