

HLA-G recombinant protein

HLA-G peptide complex

CATALOG #	HOST
AAA76364	HEK cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

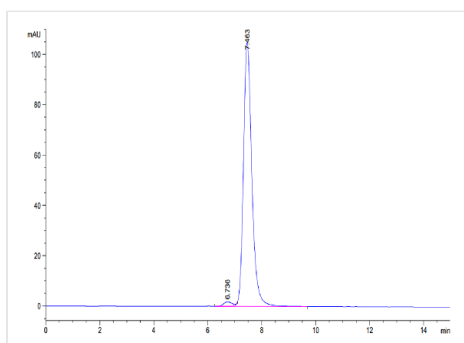
PRODUCT SYNONYMS

HLA-G; HLA-G peptide complex; HLA-G 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 non reducing PAGE and HPLC
Form/Format	Recombinant HLA-G/RIIPRHLQL was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding the Human (HLA-G AA25-305 [accession# P17693] and the B2M protein AA2-119 [accession# P61769], fused to the RIIPRHLQL peptide. 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



Application Data

HLA-G RIIPRHLQL peptide complex HPLC The purity of HLA-G RIIPRHLQL peptide complex was greater than 95% as determined by SEC-HPLC.



SDS-PAGE

HLA-G RIIPRHLQL peptide complex PAGE 1ug loaded Tris-Bis PAGE under reducing condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for HLA-G recombinant protein	MHC peptide complexes
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Recombinant HLA-G/RIIPRHLQL has a calculated mass of approximately 50kDa. Due to glycosylation migrates as an approximately 60 kDa protein under reducing conditions in SDS-PAGE.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hla-g-recombinant-protein-hek-cells/76364>