



Certificate of Analysis

HLA-E*0103 Complex Tetramer Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P77760
Batch No.:	280056
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P13747 (G25-I305)&P61769 (I21-M119)&VMAPRTLVL
Gene ID:	3133&567
Molecular Weight:	260-265 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Human NKG2A&CD94, mFc Tag captured on CM5 Chip via anti-mouse antibody can bind Human HLA-E Complex Tetramer, His Tag with an affinity constant of 17.61 nM as determined in SPR assay (Biacore T200).	17.61 nM as determined in SPR assay (Biacore T200)
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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