

MICA Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P75928
Synonyms:	MHC class I polypeptide-related sequence A; MIC-A; PERB11.1
Species:	Cynomolgus
Source:	HEK293
Accession:	AAO24115 (E1-P288)
Gene ID:	123572792
Molecular Weight:	Approximately 40-55 kDa

PROPERTIES

AA Sequence	<pre> E L H S L R Y N V T V R A R P Q G Q W A E G Q K G G L H S L Q L E T Q E W T E L Q A D C L K K L Q R Y C R A S G F Y P R N Q T W V A T R I R Q S Q W L D I P L S R D G S V Q S E D V L G A K T W D T E I K V C E I H E D S S R A Q T L A L N L E S G V A V R R T I A L T W R Q D G V G E E Q R F A C Y M F L A E G H L D G Q E T G D L T E N G K N S T G G L R H F Y I R N F W K E D T M A P P M V N V T H S S L N H N A Q Q W G E H S G N H S T H P L F V R Y D R E T R D L R M T L A H I K Y D G E L F L S Q N K T K T H Y R A V Q E A S E G N I T V T G I L P D Q N G T Y V P S G K V L V F Q </pre>
Biological Activity	Immobilized Human NKG2D Protein at 5 µg/mL (100 µL/well) can bind Cynomolgus MICA Protein. The ED ₅₀ for this effect is 0.3073 µg/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
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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