

MICA recombinant protein

Biotinylated Human MICA Protein Recombinant

CATALOG #	HOST
AAA76341	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

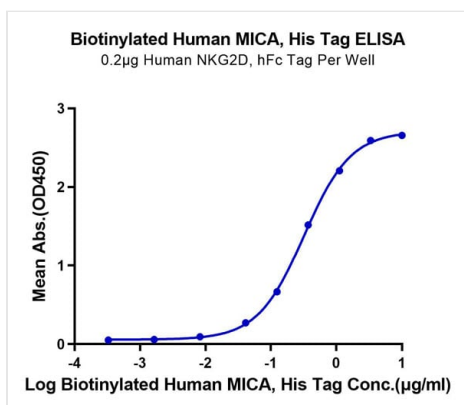
PRODUCT SYNONYMS

MICA; Biotinylated Human MICA Protein Recombinant; MICA recombinant protein

PRODUCT SPECIFICATIONS

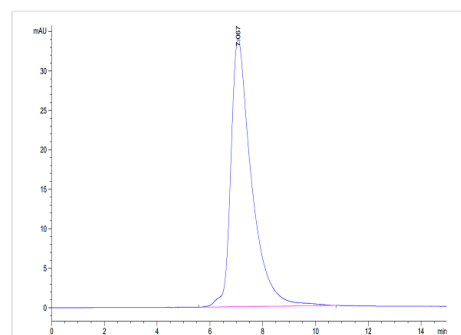
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human MICA was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human MICA including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology.
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	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C

IMAGES



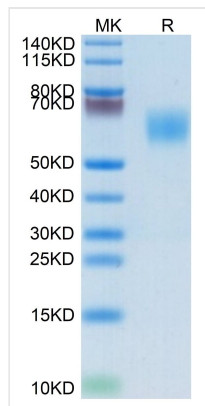
ELISA

Biotinylated Human MICA Protein ELISA Data: Immobilized Human NKG2D, hFc Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human MICA, His Tag with the EC50 of 0.32 µg/ml determined by ELISA.



Application Data

Biotinylated Human MICA Protein SEC-HPLC: The purity of Biotinylated Human MICA is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human MICA Protein Tris-Bis PAGE Biotinylated Human MICA on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for MICA recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557751
NCBI GeneID	100507436
NCBI Accession #	NP_000238
NCBI GenBank Nucleotide #	NM_000247.2
UniProt Accession #	Q96QC4; O60917; O60918; O60919; O60920; O60933; O77956; O78150; A8KQR0; A9LRW5; A9QVE0; B1VJF1; Q29983
Molecular Weight	Predicted: 42 kDa Observed: 46 kDa
NCBI Official Full Name	MHC class I polypeptide-related sequence A isoform 1 (MICA*001)
NCBI Official Synonym Full Names	MHC class I polypeptide-related sequence A
NCBI Official Symbol	MICA
NCBI Official Synonym Symbols	MIC-A; PERB11.1
NCBI Protein Information	MHC class I polypeptide-related sequence A; MICA; HLA class I antigen; stress inducible class I homolog; MHC class I chain-related protein A
UniProt Protein Name	MHC class I polypeptide-related sequence A
UniProt Gene Name	MICA
UniProt Entry Name	Q96QC4_HUMAN

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.