

MHC class I chain-related gene A Active Protein | MICA active protein

Recombinant Human MHC class I chain-related gene A

CATALOG #
AAA38458

HOST
E Coli

PRODUCT SYNONYMS

MHC class I chain-related gene A; Recombinant Human MHC class I chain-related gene A; MICA Human; MHC Class-I chain related gene A Human Recombinant; MHC class I polypeptide-related sequence A; MIC-A; MICA; PERB11.1; HLA-B; AS; HLAB; HLAC; SPDA1; HLA-B73; HLA-B-7301; MICA active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Lyophilized from a concentrated (1mg/ml) solution containing no additives. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	EPHSLRYNLT VLSWDGSVQS GFLAEVHLDG QPFLRYDRQK CRAKPQGQWA EDVLGNKTWD RETRDLTGNG KDLRMTLAHI KDQKEGLHSL QEIRVCEIHE DNSTRSSQHF YYDGELFLSQ NLETEEWTVP QSSRAQTLAM NVRNFLKEDA MKTKTHYHAM HADCLQELRR YLESGVLLRR TVPPMVNVTR SEASEGNITV TCRASSFYPR NIILTWQRDG VLSHSDTQQW GDVLPDNGT YQTWVATRIC RGEEQRFTCY MEHSGNHSTH PVPSGKVLVL QSH
Sequence Length	383
Solubility	It is recommended to reconstitute the lyophilized MICA in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Measured by its ability to bind MICA antibody in ELISA.
Preparation and Storage	Lyophilized MICA although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution MICA should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for MICA active protein	MICA Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 320 amino acids and having a molecular mass of 36kDa. The sequence contains the full length extracellular domain of the mature human MICA (amino acid residues Ala23 Gln308) The MICA is purified by proprietary chromatographic techniques.
Product Categories/Family for MICA active protein	Recombinant & Natural Proteins ; Recombinant Proteins ; MHC class I chain-related gene

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557751
NCBI GeneID	100507436
NCBI Accession #	NP_000238.1
NCBI GenBank Nucleotide #	NM_000247.2
UniProt Accession #	Q29983 ; O60917 ; O60918 ; O60919 ; O60920 ; O60933 ; O77956 ; O78150 ; A8KQR0 ; A9LRW5 ; A9QVE0 ; B1VJF1

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; HLA class I antigen; MHC class I chain-related protein A; MICA; stress inducible class I homolog
UniProt Protein Name	MHC class I polypeptide-related sequence A
UniProt Gene Name	MICA
UniProt Synonym Gene Names	MIC-A
UniProt Entry Name	MICA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-mica-active-protein/mhc-class-i-chain-related-gene-a/38458>