

Recombinant Full Length Human MICA Protein, GST-tagged

Cat. No. MICA-6555HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MICA full-length ORF (NP_000238.1, 1 a.a. - 383 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	383 amino acids
Description	MICA encodes the highly polymorphic MHC (HLA) class I chain-related gene A. The protein product is expressed on the cell surface, although unlike canonical class I molecules does not seem to associate with beta-2-microglobulin. It is thought that MICA functions as a stress-induced antigen that is broadly recognized by intestinal epithelial gamma delta T cells. [provided by RefSeq
Molecular Mass	69.3 kDa
AA Sequence	MGLGPVFLLLAGIFPFAPPGAAAEPHSLRYNLTVLSWDGSVQSGFLTEVHLDGQPFL RCDRQKCRAKPQGQWAEDVLGNKTWDRETRDLTGNGKDLRMTLAHIKDQKEGLH SLQEIRVCEIHEDNSTRSSQHFYYDGELFLSQNLETKEWTMPQSSRAQTLAMNVRN FLKEDAMKTKTHYHAMHADCLQELRRYLKSGVVLRRTPPMVNVTRSEASEGNITV TCRASGFYPWNITLSWRQDGVSLSHDTQQWGDVLPDGNNGTYQTWVATRICQGEE QRFTCYMEHSGNHSTHPVPSGKVLVLQSHWQTFHVSAAAAAIFVIIIIFYVRCKKK TSAAEGPELVSLQVLDQHPVGTSDHRDATQLGFQPLMSDLGSTGSTEGA

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MICA MHC class I polypeptide-related sequence A [Homo sapiens]
Official Symbol	MICA
Synonyms	MICA; MHC class I polypeptide-related sequence A; PERB11.1; HLA class I antigen; stress inducible class I homolog; MHC class I chain-related protein A; MIC-A; FLJ36918; FLJ60820; MGC21250; MGC111087;
Gene ID	100507436
mRNA Refseq	NM_000247
Protein Refseq	NP_000238
MIM	600169
UniProt ID	Q29983

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