

Recombinant Full Length Human MICB Protein, GST-tagged

Cat. No. MICB-6581HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MICB full-length ORF (AAH44218.1, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	340 amino acids
Description	This gene encodes a heavily glycosylated protein which is a ligand for the NKG2D type II receptor. Binding of the ligand activates the cytolytic response of natural killer (NK) cells, CD8 alphabeta T cells, and gammadelta T cells which express the receptor. This protein is stress-induced and is similar to MHC class I molecules; however, it does not associate with beta-2-microglobulin or bind peptides. [provided by RefSeq]
Molecular Mass	64 kDa
AA Sequence	MGLGRVLLFLAVAFPFPAPAAAAEPHSLRYNLMVLSQDGSVQSGFLAEGHLDGQPF LRYDRQKRRRAKPQGQWAEDVLGAETWDTETEDLTENGQDLRRTLTHIKDQKGV SSRAQTLAMNVTNFWKEDAMKTKTHYRAMQADCLQKLQRYLKSGVAIRRTVPPMV NUTCSEVSEGNITVTCRASSFYPRNITLTWRQDGVSLSHNTQQWGDVLPDNGTY QTWVATRIRQGEEQRFTCYMEHSGNHGTHPVPSPGKALVLQSQRTDFPYVSAAMPC FVIIIICVPCCKKKTSAEGPELVSLQVLDQHPVGTGDHRDAAQLGFQPLMSATGST GSTEGA

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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	MICB MHC class I polypeptide-related sequence B [Homo sapiens]
Official Symbol	MICB
Synonyms	MICB; MHC class I polypeptide-related sequence B; PERB11.2; MIC-B; MHC class I mic-B antigen; stress inducible class I homolog; MHC class I chain-related protein B; MHC class I-like molecule PERB11.2-IMX;
Gene ID	4277
mRNA Refseq	NM_005931
Protein Refseq	NP_005922
MIM	602436
UniProt ID	Q29980

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