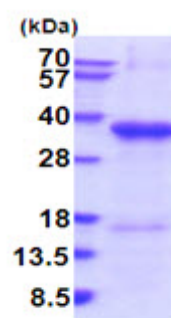


AR51873PU-N

Human MICA (24-297, His-tag) - Purified

Alternate names:	MHC class I polypeptide-related sequence A, MIC-A, PERB11.1
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	MICA also known as MHC class I polypeptide-related sequence A. This Protein's Function seems to have no role in antigen presentation. It acts as a stress-induced self-antigen that is recognized by gamma delta T-cells. It binding to KLRK1 leads to cell lysis.
Uniprot ID:	Q29983
NCBI:	AAH16929
GeneID:	100507436
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT.
Description:	Recombinant human MICA, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MEPHSLRYNL TVLSWDGSVQ SGFLTEVHLD GQPFLRCDRQ KCRAKPQGQW AEDVLGNKWTW DRETRDLTGN GKDLRMTLAH IKDQKEGLHS LQEIRVCEIH EDNSTRSSQH FYYDGELFLS QNLETEEWTM PQSSRAQTLA MNVRNFLKED AMKTKTHYHA MHADCLQELR RYLKSGVVLRL RTVPPMVNVT RSEASEGNIT VTCRASGFYP WNITLSWRQD GVSLSHDTQQ WGDVLPDGNG TYQTWATRI CQGEEQRFTC YMEHSGNHST HPVPSLEHHH HHH Molecular weight: 32.7 kDa (283aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Strausberg, R.L, et al. (2002) Proc. Natl. Acad. Sci. u.S.A. 99 (26), 16899-16903

Pictures:



15% SDS-PAGE (3ug)