

RPES8289

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## Product Information

<b>Product SKU:</b>	RPES8289	<b>Expression Host:</b>	Mammalian	<b>Size:</b>	20µg
<b>Tag:</b>	C-Fc	<b>Reactivity:</b>	Human	<b>Accession:</b>	Q29980

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## Additional Information

<b>Calculated MW:</b>	55.2 kDa	<b>Observed MW:</b>	60-80 kDa
<b>Sequence:</b>	Ala23-Gly298		

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## Protein Information

<b>Background:</b>	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 an beta-2-microglobulin or bind peptides. Alternative splicing results in multiple transcript variants.
<b>Synonyms:</b>	MHC class I chain-related protein A, MHC class I chain-related protein B, MHC class I polypeptide related sequence A, MHC class I polypeptide related sequence B, MHC class I polypeptide-related sequence A, MIC-A, micA, MICA_HUMAN, MICB
<b>Endotoxin:</b>	< 1.0 EU/mg of the protein as determined by the LAL method
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Purity:</b>	> 90% as determined by reducing SDS-PAGE.
<b>Bio-Activity:</b>	Not validated for activity
<b>Storage:</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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