



Recombinant Human MIA

Cat No:HR2R1725

For research use only

Overview

Quantity	20 µg
Gene Symbol	MIA
Gene ID	8190
Accession	Q16674
Alternative Name	Melanoma inhibitory activity protein, Cartilage-derived retinoic acid-sensitive protein, CD-RAP Recombinant Human Melanoma Derived Growth Regulatory Protein (MIA)
Species	Human
Source	E. coli
Description	MIA is a secreted, regulatory protein produced mainly by chondrocytes and malignant melanoma cells. This protein induces the metastasis of cancer cells by indirectly causing the detachment of melanoma cells from the surrounding extracellular matrix. MIA levels are now measured and used as a diagnostic tool for melanoma metastasis and rheumatoid arthritis.
Functions	N.A.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS
Solubility	Reconstitute at 100 µg/mL in sterile PBS
Appearance	Lyophilized Powder
Molecular Weight	12.4
Purity	>95% as determined by SDS-PAGE
Concentration	< 1.0 EU/µg of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2° - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.