

## Melanoma Inhibitory Activity 2 Human Recombinant

<b>Item Number</b>	rAP-2373
<b>Synonyms</b>	MIA-2, MIA2, Melanoma Inhibitory Activity 2, FLJ22404.
<b>Description</b>	MIA2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain consisting of 101 amino having a total molecular mass of 11.5 kDa. The MIA2 is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q96PC5
<b>Amino Acid Sequence</b>	MLESTKLLAD LKKCGDLECE ALINRVSAMR DYRGPCRYL NFTKGEEISV YVKLAGERED LWAG-SKGKEF GYFPRDAVQI EEVFISEEIQ MSTKESDFLC L.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized MIA2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MIA2 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	The MIA2 protein was lyophilized from a concentrated (1mg/ml) solution containing 20mM Phosphate buffer pH=7.4 and 150mM NaCl. Greater than 97.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized MIA2 in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**