Recombinant Human Melanoma Inhibitor Activity Protein 2 (rHuMIA2)

PrimeGene Technical Data Sheet

Catalog Number:	601-16
Source:	*Escherichia coli.*
Molecular Weight:	Approximately 11.4 kDa, a single non-glycosylated polypeptide chain containing 100 amino acids.
Quantity:	5μg/20μg/1000μg
AA Sequence:	LESTKLLADL KKCGDLECEA LINRVSAMRD YRGPDCRYLN FTKGEEISVY VKLAGEREDL WAGSKGKEFG YFPRDAVQIE EVFISEEIQM STKESDFLCL
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity:	Data Not Available.
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Endotoxin:	Less than 1 EU/μg of rHuMIA2 as determined by LAL method.
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage:	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Usage:	This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further evaluation purposes. **NOT FOR HUMAN USE**.

Human Melanoma Inhibitor Activity Protein 2

Melanoma Inhibitor Activity Protein 2 (MIA2) encoded by MIA2 gene in humans, is a secreted cytokine that is highly expressed in liver and weakly in testis. The patients with severe fibrosis or inflammation and chronic hepatitis have higher level of MIA2 than other. Levels of MIA2 may severe as a clinically utility marker for diagnosis of hepatic disease activity and severity. The MIA2 is a member of the MIA/OTOR family, which also includes MIA, OTOR, and TANGO, and they share a Src homology-3 (SH3)-like domain.

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