

PRODUCT DATA SHEET



Bioworld Technology, Inc.

Recombinant Human Melanoma Inhibitor Activity Protein 2 (rHuMIA-2)

Catalog Number: PR1090

Source: Escherichia coli

Quantity: 5µg/20µg/1.0mg

Description

MIA2 is a secreted cytokine and a member of the MIA/OTOR family. Members of this family which also includes MIA, OTOR, and TANGO share a Src homology-3 (SH3)-like domain. MIA2 is predominantly expressed in hepatocytes. Elevated levels of MIA2 may represent a clinically useful marker for diagnosis of hepatic disease activity and severity.

Molecular Weight:

11.5 kDa, a single non-glycosylated polypeptide chain containing 101 amino acids.

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 0.2µm filtered concentrated solution in 20mM PB, pH 7.4, 150mM NaCl.

AA Sequence:

M L E S T K L L A D L K K C G D L E C E A L I N R V S
A M R D Y R G P D C R Y L N F T K G E E I S V Y V K L
A G E R E D L W A G S K G K E F G Y F P R D A V Q I E

E V F I S E E I Q M S T K E S D F L C L

Endotoxin:

Less than 1EU/µg of rHuMIA-2 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.

Storage:

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Usage:

This material is offered by USA Bioworld biotech for research, laboratory or further evaluation purposes. NOT FOR HUMAN USE. Made in China

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