

## MIA2

### Recombinant Human Melanoma Inhibitor Activity Protein 2

<b>Catalog No.</b>	CSI20115A CSI20115B CSI20115C	<b>Quantity:</b>	5 µg 20 µg 1.0 mg
<b>Description:</b>	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.		
<b>Physical Appearance:</b>	Sterile Filtered White lyophilized (freeze-dried) powder.		
<b>Gene ID:</b>	117153		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	Approximately 11.5 kDa, a single non-glycosylated polypeptide chain containing 101 amino acids		
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4 +150 mM NaCl.		
<b>Purity:</b>	>97% by SDS-PAGE and HPLC analyses.		
<b>Endotoxin Level:</b>	Less than 1EU/µg of rHuMIA-2 as determined by LAL method.		
<b>Biological Activity:</b>	Data not available		
<b>Amino Acid Sequence:</b>	MLESTKLLAD LKKCGDLECE ALINRVSAMR DYRGPDCRYL NFTKGEEISV YVKLAGERED LWAGSKGKEF GYFPRDAVQI EEVFISEEIQ MSTKESDFLC L		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.		
<b>Storage &amp; Stability:</b>	This lyophilized preparation is stable at 2-4°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2-4°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. <b>Avoid repeated freeze/thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.