

TECHNICAL DATA SHEET

## Recombinant Human MIA-2 (Carrier-Free)

Catalog Number: 21-9087

**RPx-Pro™ Recombinant Protein**  
PRODUCT INFORMATION

**CONTENTS**

Recombinant Human MIA-2 (Carrier-Free)

**DESCRIPTION**

MIA-2 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. MIA-2 is predominantly expressed in hepatocytes. Elevated levels of MIA-2 may represent a clinically useful marker for diagnosis of hepatic disease activity and severity.

**MOLECULAR MASS**

Recombinant Human MIA-2 is a 101 amino acid, 11.5 kDa protein comprising the MIA homologous N-terminal region of the full length MIA-2 protein.

**AMINO ACID SEQUENCE**

MLESTKLLAD LKKCGDLECE ALINRVSAMR DYRGPDCRYL NFTKGEEISV YVKLAGERED LWAGSKGKEF GYFPRDAVQI EEVFISEEIQ MSTKESDFLC L

**SOURCE**

E.coli

**APPLICATIONS**

Bioassay

**PURITY**

98 %

**STORAGE**

-20°C

**PROTEIN CONTENT**

Content Verified by UV Spectroscopy and/or SDS-PAGE gel.

**ENDOTOXIN LEVEL**

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

**AUTHENTICITY**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

**CROSS REACTIVITY**

**BIOACTIVITY**

Data not available at this time.

**RESEARCH AREAS**

Apoptosis, Cancer

**RECONSTITUTION**

See Certificate of Analysis (COA) for lot specific reconstitution information.

**REFERENCES**

Tuliani TA, Shenoy M, Belgrave K, Deshmukh A, Pant S, Hilliard A, Afonso L. Am J Med Sci. 2017 Sep;354(3):285-290. doi: 10.1016/j.amjms.2017.04.022.  
 Arnolds O, Zhong X, Tuo Yip K, Schöpel M, Kohl B, Pütz S, Abdel-Jalil R, Stoll R. Curr Med Chem. 2017;24(17):1788-1796. doi: 10.2174/0929867324666170608104347.

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