
Product Data Sheet

Product Name: MIA2 Human
 Cat. No.: GP20751
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	MIA-2; MIA2; Melanoma Inhibitory Activity 2; FLJ22404.		
Amino Acid Sequence	MLESTKLLAD LKKCGDLECE ALINRVSAMR DYRGPDCRYL NFTKGEEISV YVKLAGERED LWAGSKGKEF GYFPRDAVQI EEVFISEEIQ MSTKESDFLC L.		
Solubility	It is recommended to reconstitute the lyophilized MIA2 in sterile 18MΩ-cm H ₂ O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The MIA2 protein was lyophilized from a concentrated (1mg/ml) solution containing 20mM Phosphate buffer pH=7.4 and 150mM NaCl.		

Introduction

MIA2 performs as a tumour suppressor in hepatocellular carcinoma. MIA2 is a novel acute phase protein which its expression is found in the liver and reacts to liver damage in chronic liver diseases and is considerably higher in severe fibrosis patients. MIA2 is induced by IL6, TGF-β & conditioned medium from activated hepatic stellate cells. MIA2 is mainly expressed in hepatocytes.

Stability

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.

Background

MIA2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain consisting of 101 amino acids having a total molecular mass of 11.5 kDa. The MIA2 is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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