

32-1603: MIA2 Recombinant Protein

Alternative Name : MIA-2, MIA2, Melanoma Inhibitory Activity 2, FLJ22404.

Description

Source : Escherichia Coli. MIA2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain consisting of 101 amino having a total molecular mass of 11.5 kDa. The MIA2 is purified by proprietary chromatographic techniques. 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-B & conditioned medium from activated hepatic stellate cells. MIA2 is mainly expressed in hepatocytes.

Product Info

Amount :	20 µg
Purification :	Greater than 97.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Content :	The MIA2 protein was lyophilized from a concentrated (1mg/ml) solution containing 20mM Phosphate buffer pH=7.4 and 150mM NaCl.
Storage condition :	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.
Amino Acid :	MLESTKLLAD LKKCGDLECE ALINRVSAMR DYRGPDCRYL NFTKGEEISV YVKLAGERED LWAGSKGKEF GYFPRDAVQI EEVFISEEIQ MSTKESDFLC L.

Application Note

It is recommended to reconstitute the lyophilized MIA2 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.