

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. MIA2is 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 & and conditioned medium from activated hepatic stellate cells. MIA2 is is mainly expressed in hepatocytes.

Product Info

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| 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 18MÎ©-cm H2O not less than 100Âµg/ml, which can then be further diluted to other aqueous solutions.

