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MIA-2, human recombinant protein
Melanoma inhibitory activity protein 2
Catalog # PBV10466r

Specification

MIA-2, human recombinant protein - Product info

Primary Accession	Q96PC5
Calculated MW	**11.5 kDa KDa**

MIA-2, human recombinant protein - Additional Info

Gene ID	**117153**
Gene Symbol	**MIA2**

Other Names
Melanoma inhibitory activity protein 2, Melanoma inhibitory activity protein 2

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥97%**
Assay2&Purity2	**HPLC; ≥97%**
Recombinant	**Yes**
Sequence	**MLESTKLLAD LKKCGDLECE ALINRVSAMR DYRGPDCRYL NFTKGEEISV YVKLAGERED LWAGSKGKEF GYFPRDAVQI EEVFISEEIQ MSTKESDFLC L**

Application Notes
Reconstitute in sterile H_2O at >100 µg/ml. Reconstituted MIA2 should be stored in working aliquots at -20°C.

Format
Lyophilized protein

Storage
-20°C; Sterile filtered white powder lyophilized from a solution containing 20 mM phosphate buffer pH 7.4 and 150 mM NaCl.

MIA-2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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MIA-2, human recombinant protein - Images

MIA-2, human recombinant protein - Background

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-□ and conditioned medium from activated hepatic stellate cells. MIA2 is is mainly expressed in hepatocytes. 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.

MIA-2, human recombinant protein - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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