

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 H₂O 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 Cytometry](#)
- [Cell Culture](#)

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- β 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

Bosserhoff A.K.,et al.J. Biol. Chem. 278:15225-15231(2003).
Heilig R.,et al.Nature 421:601-607(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Sjoeblom T.,et al.Science 314:268-274(2006).