

# Recombinant human MIA protein

Catalog Number: ATGP2497

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

25-131aa

### UniProt No.

Q16674

### NCBI Accession No.

NP\_006524.1

### Alternative Names

Melanoma inhibitory activity, CD-RAP

## PRODUCT SPECIFICATION

---

### Molecular Weight

14.4 kDa (128aa)

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

---

### Description

MIA belongs to the MIA/OTOR family and contains 1 SH3 domain. This protein elicits growth inhibition on melanoma cells in vitro as well as some other neuroectodermal tumors, including gliomas. Recombinant human MIA protein, fused to His-tag at N-terminus, was expressed in E. coli

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGPMPLADR KLCADQEC SH PISMAVALQD YMAPDCRFLT IHRGQVVYVF SKLKGRGRLF  
WGGSVQGDYY GDLAARLGYF PSSIVREDQT LKPGKVDVKT DKWDFYCC

# Recombinant human MIA protein

Catalog Number: ATGP2497

## General References

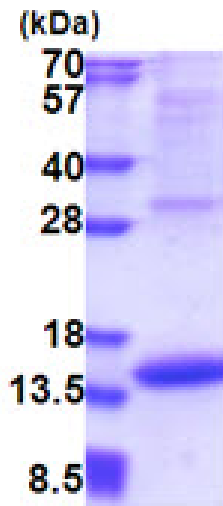
Blesch A, Bosserhoff AK, et al. (1994) Cancer Res 54 (21): 5695-701.

## DATA

---

### SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



15% SDS-PAGE (3ug)