

AR51317PU-N**Human MIA (25-131, His-tag) - Purified****Alternate names:**

Melanoma inhibitory activity, Melanoma-derived growth regulatory protein

Quantity:

0.5 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

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

Uniprot ID:[Q16674](#)**NCBI:**[NP_006524.1](#)**GeneID:**[8190](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea**Description:****AA Sequence:**

MGSSHHHHHH SGLVPRGSH MGPMPKLADR KLCADQECSE PISMAVALQD YMAPDCRFLT
IHRGQVVYVF SKLKGRGRLE WGGSVQGDYY GDLAARLGYF PSSIVREDQT LKPGKVDVKT
DKWDFYCQ

Molecular weight: 14.4 kDa (128aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

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

Pictures: