

# Active Recombinant Full Length Human MIIP Protein, C-Flag-tagged

**Cat. No.** MIIP-474HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human MIIP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene encodes a protein that interacts with the oncogene protein insulin-like growth factor binding protein 2 and may function as an inhibitor of cell migration and invasion. This protein also interacts with the cell division protein 20 and may be involved in regulating mitotic progression. This protein may function as a tumor suppressor by inhibiting the growth of certain cancers. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                |
| <b>Bio-activity</b>     | Enzyme activity regulator                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 42.6 kDa                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MVEAEELAQLRLLNLELLRQLWVGQDAVRRSVARAAESSLESSSSYNSETPSTPE<br>TSSTSLSTSCPRGR SSVWGPPDACRGDLRDVARSGVASLPANCQHQESLGRPR<br>PHSAPSLGTSSLRDPEPSGRLGDPGPQEAQ TSRSILAQQSKLSKPRVTFSEESAVP<br>ERSWRLRPYLGYDWIAGSLDTSSSITSQPEAFFSKLQEFRETNK EECICSHPEPQLP<br>GLRESSGSGVEEDHECVYCYRVNRRLLFPVPVDPGTPCRLCRTPRDQQGPGTLAQP                                                                                             |

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AH VRVSIPLSILEPPHRYHIHRRKSFDASDTLALPRHCLLGWDIFPPKSEKSSAPRNL  
DLWSSVSAEAQHQQ  
LSGTSSPFHPASPMQMLPPTPTWSVPQVPRPHVPRQKPTRTRPLEQKLISEEDLAA  
NDILDYKDDDDKV

|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                                         |
|------------------------|-------------------------------------------------------------------------|
| <b>Gene Name</b>       | MIIP migration and invasion inhibitory protein [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | MIIP                                                                    |
| <b>Synonyms</b>        | IIP45                                                                   |
| <b>Gene ID</b>         | 60672                                                                   |
| <b>mRNA Refseq</b>     | NM_021933.4                                                             |

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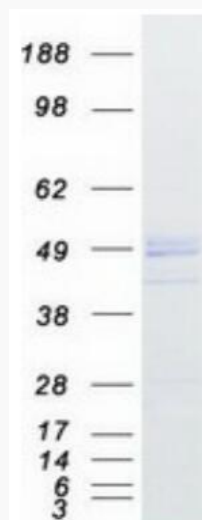
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**Protein Refseq** [NP\\_068752.2](#)

**MIM** [608772](#)

**UniProt ID** [Q5JXC2](#)



Coomassie blue staining of purified MIIP protein.

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