

# Recombinant Human MIIP Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MIIP-2100H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

MIIP MS Standard C13 and N15-labeled recombinant protein (NP\_068752) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

42.8 kDa

### AA Sequence

MVEAEELAQLRLLNLELLRQLWVGQDAVRRSVARAAESSLESSSSYNSETPSTPE  
 TSSTSLTSCPRGRSSVWGPPDACRGDLRDVARSGVASLPPANCQHQESLGRPRP  
 HSAPSLGTSSLRDPEPSGRLGDPGPQEAQTSRSILAQQSKLSKPRVTFSEESAVPE  
 RSWRLRPYLGWDWIAGSLDTSSSITSQPEAFFSKLQEFRETNKEECICSHPEPQLPG  
 LRESSGSGVEEDHECVYCYRVNRRLLFPVPVDPGTPCRLCRTPRDQQGGPGLAQPA  
 HVRVSIPLSILEPPHRYHIHRRKSFDAASDTLALPRHCLLGWDIFPPKSEKSSAPRNL  
 LWSSVSAEAHQKLSGTSSPFHPASPMQMLPPTPTWSVPQVPRPHVPRQKPTRTR  
 PLEQKLISEEDLAANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	MIIP migration and invasion inhibitory protein [ Homo sapiens (human) ]
<b>Official Symbol</b>	MIIP
<b>Synonyms</b>	MIIP; migration and invasion inhibitory protein; migration and invasion-inhibitory protein; FLJ12438; IIP45; invasion inhibitory protein 45; IGFBP2-binding protein; invasion-inhibitory protein 45; IIP45; RP5-1077B9.4; FLJ38609;
<b>Gene ID</b>	60672
<b>mRNA Refseq</b>	NM_021933
<b>Protein Refseq</b>	NP_068752
<b>MIM</b>	608772
<b>UniProt ID</b>	Q5JXC2

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**SDS-PAGE**



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