

## Recombinant Full Length Human MIIP Protein, GST-tagged

**Cat. No.** MIIP-6601HF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MIIP full-length ORF ( AAH08068.1, 1 a.a. - 388 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 388 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <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 or certain cancers. [provided by RefSeq, Sep 2011] |
| <b>Molecular Mass</b>   | 69.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MVEAEELAQLRLLNLELLRQLWVGQDAVRRSVARAASESSLESSSSYNSETPSTPE<br>TSSTSLSTSCPRGRSSVWGPPDACRGDLRDVARSGVASLPPANCQHQESLGRPRP<br>HSAPSLGTSSLRDPEPSGRLGDPGPQEAQTSRSILAQQSKLSKPRVTFSEESAVPE<br>RSWRLRPYLGWDWIAGSLDTSSSITSQPEAFFSKLQEFRETNKEECICSHPEPQLPG<br>LRESSGSGVEEDHECVYCYRVNRRLLFPVPVDPGTPCRLCRTPRDQQGPGTLAQPA<br>HVRVSIPLSILEPPHRYHIHRRKSFDASDTLALPRHCLLGWDIFPPKSEKSSAPRNLD<br>LWSSVSAEAQHQLSGTSSPFHPASPMQMLPPTPTWSVPQVPRPHVPRQKP        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MIIP migration and invasion inhibitory protein [ Homo sapiens ]                                                                                                                                                                     |
| <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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