

## Recombinant Human IIP45, His-tagged

**Cat. No.** IIP45-14131H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IIP45 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-388a.a.                                                                                                                                                                                                                                                                                                                                                                                            |
| <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. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.                                                                                                                                                                                                                                 |

### GENE INFORMATION

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

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|                            |                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | MIIP                                                                                                                                                                                                                                |
| <b>Synonyms</b>            | MIIP; migration and invasion inhibitory protein; migration and invasion-inhibitory protein; FLJ12438; Ilp45; invasion inhibitory protein 45; IGFBP2-binding protein; invasion-inhibitory protein 45; IIP45; RP5-1077B9.4; FLJ38609; |
| <b>Gene ID</b>             | <a href="#">60672</a>                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | <a href="#">NM_021933</a>                                                                                                                                                                                                           |
| <b>Protein Refseq</b>      | <a href="#">NP_068752</a>                                                                                                                                                                                                           |
| <b>MIM</b>                 | <a href="#">608772</a>                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | <a href="#">Q5JXC2</a>                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 1p36.22                                                                                                                                                                                                                             |

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