

## **Product datasheet for TP300779L**

## OriGene Technologies, Inc.

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## MIIP (NM\_021933) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human invasion inhibitory protein 45 (IIP45), 1 mg

Species: Human Expression Host: HEK293T

**Expression cDNA Clone** >RC200779 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MVEAEELAQLRLLNLELLRQLWVGQDAVRRSVARAASESSLESSSSYNSETPSTPETSSTSLSTSCPRGR SSVWGPPDACRGDLRDVARSGVASLPPANCQHQESLGRPRPHSAPSLGTSSLRDPEPSGRLGDPGPQEAQ TSRSILAQQSKLSKPRVTFSEESAVPERSWRLRPYLGYDWIAGSLDTSSSITSQPEAFFSKLQEFRETNK EECICSHPEPQLPGLRESSGSGVEEDHECVYCYRVNRRLFPVPVDPGTPCRLCRTPRDQQGPGTLAQPAH VRVSIPLSILEPPHRYHIHRRKSFDASDTLALPRHCLLGWDIFPPKSEKSSAPRNLDLWSSVSAEAQHQK

LSGTSSPFHPASPMQMLPPTPTWSVPQVPRPHVPRQKP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK

Predicted MW: 42.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Bioactivity:** Enzyme activity regulator (PMID: <u>27741356</u>)

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

**Storage:** Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 068752





**Locus ID:** 60672

UniProt ID: Q5|XC2
RefSeq Size: 1801

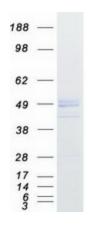
Cytogenetics: 1p36.22
RefSeq ORF: 1164
Synonyms: IIP45

**Summary:** 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]

## **Product images:**



Coomassie blue staining of purified MIIP protein (Cat# [TP300779]). The protein was produced from HEK293T cells transfected with MIIP cDNA clone (Cat# [RC200779]) using MegaTran 2.0 (Cat# [TT210002]).