

Product datasheet for **TP300779L**

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

MVEAEELAQLRLLNLELLRQLWVGQDAVRRSVARAASESSLESSSYNSETPSTPETSSTSLSTSCPRGR
SSVWGPPDACRGDLRDVARSGVASLPPANCQHQESLGRPRPHSAPSLGTSSLRDPEPSGRLGDPGPQEAQ
TSRSILAQQSKLSKPRVTFSEESAVPERSWRLRPYLGWDWIAGSLDTSSSITSQPEAFFSKLQEFRETNK
EECICSHPEPQLPGLRESSGSGVEEDHECVYCYRVNRRLFVVPVDPGTPCRLCRTPRDQQGPGTLAQPAH
VRVSIPLSILEPPHRYHIHRRKSFASDTLALPRHCLLGWDIFPPKSEKSSAPRNLDLWSSVSAEAQHQK
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: [27741356](https://pubmed.ncbi.nlm.nih.gov/27741356/))

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](https://ncbi.nlm.nih.gov/RefSeq/record/NP_068752)



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Locus ID: 60672
UniProt ID: [Q5JXC2](#)
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 of 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]).