

Product datasheet for PH300779

MIIP (NM_021933) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MIIP MS Standard C13 and N15-labeled recombinant protein (NP_068752)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200779
Predicted MW:	42.8 kDa
Protein Sequence:	>RC200779 protein sequence Red=Cloning site Green=Tags(s) MVEAEELAQLRLLNLELLRQLWVGQDAVRRSVARAAESSLESSSYNSETPSTPETSSTSLSTSCPRGR SSVWGPPDACRGDLRDVARSGVASLPPANCQHQESLGRPRPHSAPSLGTSSLRDPEPSGRLGDPGPQEAQ TSRSILAQQSKLSKPRVTFSEESAVPERSWRLRPYLGYDWIAGSLDTSSSITSQPEAFFSKLQEFRETNK EECICSHPEPQLPGLRESSGSGVEEDHECVYCYRVNRRLLFPVPVDPGTPCRLCRTPRDQQGPGTLAQPAH VRVSIPLSILEPPHRYHIHRRKSFDAADTLALPRHCLLGWDIFPPKSEKSSAPRNLDLWSSVSAEAQHQK LSGTSSPFHPASPMQMLPPTPTWSVPQVPRPHVPRQKP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_068752</u>
RefSeq Size:	1801
RefSeq ORF:	1164
Synonyms:	IIP45
Locus ID:	60672



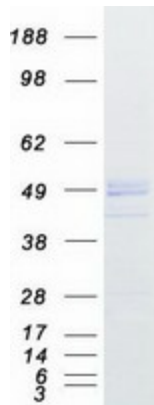
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UniProt ID: [Q5JXC2](#)

Cytogenetics: 1p36.22

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]).