

Product datasheet for PH300377

BNIP2 (NM_004330) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BNIP2 MS Standard C13 and N15-labeled recombinant protein (NP_004321)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200377
Predicted MW:	36 kDa
Protein Sequence:	>RC200377 protein sequence Red=Cloning site Green=Tags(s) MEGVELKEEWQDEDFPIPLPEDDSIEADILAITGPEDQPGSLEVNGNKVRKKLMAPDISLTDPSDGSVL SDDLDESGEIDLGLDTPSENSNEFEWEDDLPKPKTTEVIRKGSITEYTAEEKEDGRRWRMFRIGEQDH RVDKMAIEPYKKVISHGGYYGDGLNAIVVFAVCFMPRESSQPNRYRLMDNLFKYVIGTLELLVAENYMIIVY LNGATTRRKMPSLGWLKCYQQIDRRRLRKNLKSIIIVHPSWFIRTLLAVTRPFISSKFSQKIRYVFNLAEL LAELVPMEYVGIPECIKQVDQELNGKQDEPKNEQ 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_004321
RefSeq Size:	2533
RefSeq ORF:	942
Synonyms:	BNIP-2; NIP2
Locus ID:	663



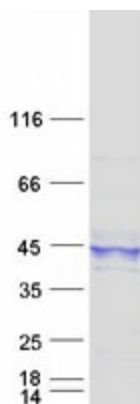
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UniProt ID: [Q12982](#), [J3KN59](#)

Cytogenetics: 15q22.2

Summary: This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein, which protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

Product images:



Coomassie blue staining of purified BNIP2 protein (Cat# [TP300377]). The protein was produced from HEK293T cells transfected with BNIP2 cDNA clone (Cat# [RC200377]) using MegaTran 2.0 (Cat# [TT210002]).