

## Product datasheet for **TP300377**

### **BNIP2 (NM\_004330) Human Recombinant Protein**

#### **Product data:**

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Recombinant protein of human BCL2/adenovirus E1B 19kDa interacting protein 2 (BNIP2), 20 µg |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | HEK293T   |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC200377 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)                |

MEGVELKEEWQDEDFPIPLPEDDSIEADILAITGPEDQPGSLEVNGNKVRKKLMAPDISLTLDPSDGSVL  
SDDLDESGEIDLGLDTPSENSNEFEWEDDLPKPKTTEVIRKGSITEYTAEEKEDGRRWRMFRIGEQDH  
RVDMKAIEPYKKVISHGGYGDGLNAIWVAVCFMPESSQPNRYRLMDNLFKYVIGTLELLVAENYMIVY  
LNGATTRRKMPSLGWLKCYQQIDRRRLRKNLKSIIIVHPSWFIRTLAVTRPFISSKFSQKIRYVFNLAE  
LAELVPMYVGIPECIKQVDQELNGKQDEPKNEQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                       |  |
|-----------------------|--|
| <b>Tag:</b>           | C-Myc/DDK  |
| <b>Predicted MW:</b>  | 48.7 kDa   |
| <b>Concentration:</b> | >0.05 µg/µL as determined by microplate BCA method   |
| <b>Purity:</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| <b>Preparation:</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| <b>Note:</b>          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| <b>Storage:</b>       | Store at -80°C.  |
| <b>Stability:</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| <b>RefSeq:</b>        | <a href="#">NP_004321</a>  |
| <b>Locus ID:</b>      | 663  |



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

RefSeq Size: 2533

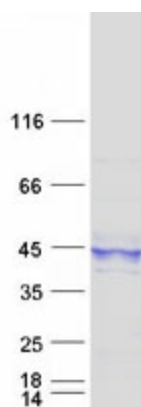
Cytogenetics: 15q22.2

RefSeq ORF: 942

Synonyms: BNIP-2; NIP2

**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]).