

# Recombinant Mouse Bnip3 Full Length Transmembrane protein, His-tagged

**Cat. No.** Bnip3-2354M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Bnip3 protein(O55003)(1-187aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-187aa                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 23.8 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MSQSGEENLQGSWVELHFSNGNGSSVPASVSIYNGDMEKILLDAQHESGRSSSKS<br>SHCDSPPRSQTPQDTNRAEIDSHSFGKKNSTLSEEDYIERRREVESILKKNSDWIWD<br>WSSRPENIPPKEFLFKHPKRTATLSMRNTSVMKKGGIFSADFLKVFLPSLLLSHLLAI<br>GLGIYIGRRLTTSTSTF                               |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                     |

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repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name**

[Bnip3 BCL2/adenovirus E1B interacting protein 3 \[ Mus musculus \]](#)

**Official Symbol**

[Bnip3](#)

**Synonyms**

BNIP3; BCL2/adenovirus E1B interacting protein 3; BCL2/adenovirus E1B 19 kDa protein-interacting protein 3; BCL2/adenovirus E1B interacting protein 1, NIP3; BCL2/adenovirus E1B 19kDa-interacting protein 1, NIP3; BCL2/adenovirus E1B 19 kDa-interacting protein 1, NIP3; Nip3;

**Gene ID**

[12176](#)

**mRNA Refseq**

[NM\\_009760](#)

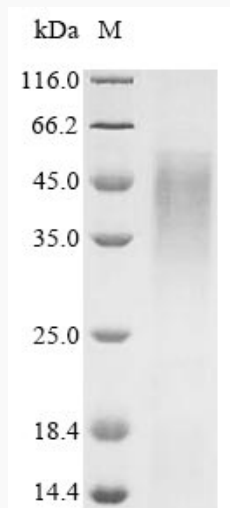
**Protein Refseq**

[NP\\_033890](#)

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**SDS-PAGE**

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