

Product information

BNIP1, 1-199aa

Human, His-tagged, Recombinant, *E.coli*

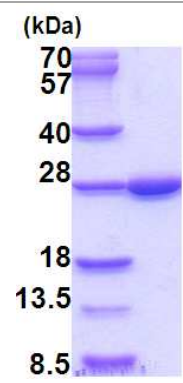
Cat. No. IBATGP2912

Full name: Vesicle transport protein SEC20

NCBI Accession No.: NP_001196

Synonyms: NIP1, SEC20, TRG-8

Description: BNIP1 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. This protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. In addition, it is involved in vesicle transport into the endoplasmic reticulum. Alternative splicing of this gene results in four protein products with identical N- and C-termini. Recombinant human BNIP1 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

<p>Form: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol</p> <p>Molecular Weight: 25.2 kDa (222aa)</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 1.0 mg/ml (determined by Bradford assay)</p>	 <p>(kDa) 70 57 40 28 18 13.5 8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGSMAAPQDV HVRICNQEIV KFDLEVKALI QDIRDCSGPL SALTELNTKV KEKFAQLRHR IQDLEQLAKE QDKESKQLL LQEVENHKKQ MLSNQASWRK ANLTCKIAID NLEKAELLQG GDLLRQRKTT KESLAQTSST ITESLMGISR MMAQQVQQSE EAMQSLVTSS RTILDANEEF KSMSGTIQLG RKLITKYNRR EL</p>	

General references:

Nakajima K., *et al.* (2004) *EMBO J.* 23:3216-3226

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.