

BNIP1, 1-199aa, Human, His tag, E.coli

Cat.NO.: TP01356

3th Edition

Synonyms: Vesicle transport protein SEC20, 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 .

Form: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

Molecular Weight: 25.2 kDa (222aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMAPQDVHVRICNQEIVKFDLEVKALIQDIRDCSGPLSALTELNKVKKEKFQQ
LRHRIQDLEQLAKEQDKSEKQLLLQEVENHKKQMLSNQASWRKANLTCKIAIDNLEKAELLQGGDLLRQRKTTKE
SLAQTSSTITESLMGISRMMMAQQVQQSEEAMQSLVTSSRTILDANEEFKSMSGTIQLGRKLITKYNRREL

Purity: > 95% by HPLC

Concentration: 1.0 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.