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Recombinant human BNIP1 protein

Catalog Number: ATGP2912

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-199aa

UniProt No.

012981

NCBI Accession No.

NP 001196

Alternative Names

Vesicle transport protein SEC20, NIP1, SEC20, TRG-8

PRODUCT SPECIFICATION

Molecular Weight

25.2 kDa (222aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.



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Amino acid Sequence

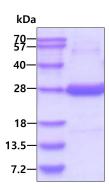
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General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

