

32-13056: BNIP1 Human

Alternative Name :

BCL2/Adenovirus E1B 19kDa Interacting Protein 1, NIP1, BCL2/Adenovirus E1B 19 KDa Protein-Interacting Protein 1, Transformation-Related Gene 8 Protein, TRG-8, BCL2/Adenovirus E1B 19kD-Interacting Protein 1, Vesicle Transport Protein SEC20, SEC20L, SEC20, Vesicle transport protein SEC20.

Description

Source: Escherichia Coli.

Sterile filtered colorless solution.

BNIP1 belongs to the of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. BNIP1 interacts with the E1B 19 kDa protein, which defends cells from virally-induced cell death. In addition, BNIP1 interacts with E1B 19 kDa-like sequences of BCL2 which is an additional apoptotic protector. Adding up, BNIP1 is implicated in vesicle transport into the endoplasmic reticulum. Alternative splicing results of BNIP1 in four protein products with identical N- and C-termini have been found.

BNIP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 222 amino acids (1-199 a.a) and having a molecular mass of 25.2kDa. BNIP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 95% as determined by SDS-PAGE.

Content : BNIP1 protein solution (1.0 mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMAAPQDV HVRICNQEIV KFDLEVKALI QDIRDCSGPL SALTELNTKV KEKFQQLRHR IQDLEQLAKE QDKESEKQLL LQEVNHKKQ MLSNQASWRK ANLTCKIAID NLEKAELLQG GDLLRQRKTT KESLAQTSST ITESLMGISR MMAQQVQQSE EAMQSLVTSS RTILDANEEF KSMSGTIQLG RKLITKYNRR EL.