



Recombinant Human BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like (BNIP3L)

Product Code	CSB-YP002767HU
Relevance	Induces apoptosis. Interacts with viral and cellular anti-apoptosis proteins. Can overcome the suppressors BCL-2 and BCL-XL, although high levels of BCL-XL expression will inhibit apoptosis. Inhibits apoptosis induced by BNIP3. Involved in mitochondrial quality control via its interaction with SPATA18/MIEAP: in response to mitochondrial damage, participates to mitochondrial protein catabolic process (also named MALM) leading to the degradation of damaged proteins inside mitochondria. The physical interaction of SPATA18/MIEAP, BNIP3 and BNIP3L/NIX at the mitochondrial outer membrane regulates the opening of a pore in the mitochondrial double membrane in order to mediate the translocation of lysosomal proteins from the cytoplasm to the mitochondrial matrix. May function as a tumor suppressor.
Abbreviation	Recombinant Human BNIP3L protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O60238
Alias	Adenovirus E1B19K-binding protein B5 BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A NIP3-like protein X Short name: NIP3L
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSSHLVEPPPPLHNNNNNCEENEQSLPPPAGLNSSWVELPMNSSNGNDNGN GKNGGLEHVPSSSSSIHNGDMEKILLDAQHESGQSSSRGSSSHCDSPPSQEDG QIMFDVEMHTSRDHSSQSEEEVVEGEKEVEALKKSADWVSDWSSRPENIPPK EFHFRHPKRSVLSMRKSGAMKKGIFSAEFLKVFIPSLFLSHVLALGLGIYIGK RLSTPSASTY
Research Area	Cancer
Source	Yeast
Target Names	BNIP3L
Protein Names	Recommended name: BCL2/adenovirus E1B 19 kDa protein-interacting protein 3-like Alternative name(s): Adenovirus E1B19K-binding protein B5 BCL2/adenovirus E1B 19 kDa protein-interacting protein 3A NIP3-like protein X Short name= NIP3L
Expression Region	1-219aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at

