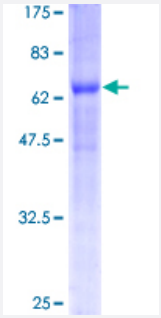
Full-Length

BNIP2 (Human) Recombinant Protein (P01)

Catalog # H00000663-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BNIP2 full-length ORF (AAH02461, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEGVELKEEWQDEDFPIPLPEDDSIEADILAITGPEDQPGSLEVNGNKVRKKLMAPDISLTLDPSD GSVLSDDLDESGEIDLDGLDTPSENSNEFEWEDDLPKPKTTEVIRKGSITEYTAAEEKEDGRRWR MFRIGEQDHRVDMKAIEPYKKVISHGGYYGDGLNAIVVFAVCFMPESSQPNYRYLMDNLFKYVIGTL ELLVAENYMIVYLNGATTRRKMPSLGWLRKCYQQIDRRLRKNLKSLIIVHPSWFIRTLLAVTRPFISS KFSQKIRYVFNLAELAELVPMEYVGIPECIKQVDQELNGKQDEPKNEQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	60.28
Interspecies Antigen Sequence	Mouse (89); Rat (93)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BNIP2

Entrez GeneID	663
GeneBank Accession#	BC002461
Protein Accession#	AAH02461
Gene Name	BNIP2
Gene Alias	BNIP-2, NIP2
Gene Description	BCL2/adenovirus E1B 19kDa interacting protein 2
Omim ID	603292
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. Thou gh the specific function is unknown, it interacts with the E1B 19 kDa protein which is responsible f or the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, als o an apoptotic protector. [provided by RefSeq
Other Designations	BCL2/adenovirus E1B 19kD interacting protein 2|BCL2/adenovirus E1B 19kD-interacting protein 2

Publication Reference

- Probing the efficiency of proteolytic events by positional proteomics.

  Plasman K, Van Damme P, Kaiserman D, Impens F, Demeyer K, Helsens K, Goethals M, Bird PI, Vandekerckhove J, Gevaert K.

  Molecular & Cellular Proteomics 2011 Feb; 10(2):M110.00330.

  Application: WB-Re, Recombinant protein

Disease

- Genetic Predisposition to Disease
- Kidney Failure
- Narcolepsy