Full-Length
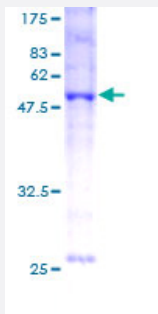
BNIP1 (Human) Recombinant Protein (P01)

Catalog #   H00000662-P01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human BNIP1 full-length ORF (AAH10959, 1 a.a. - 228 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAPQDVHVRICNQEIVKFDLEVKALIQDIRDCSGPLSALTELNTKVKEKFQQLRHRIQDLEQLAKE QDKESEKQLLLQEVENHKKQMLSNQASWRKANLTCKIAIDNLEKAELLQGGDLLRQRKTTKESLA QTSSTITESLMGISRMMAQQVQQSEEAMQSLVTSSRTILDANEEFKSMSGTIQLGRKLITKYNRREL TDKLLIFLALALFLATVLYIVKKRLFPFL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.82
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 — BNIP1

Entrez GeneID	662
GeneBank Accession#	BC010959
Protein Accession#	AAH10959
Gene Name	BNIP1
Gene Alias	NIP1, SEC20, TRG-8
Gene Description	BCL2/adenovirus E1B 19kDa interacting protein 1
Omim ID	603291
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector. Alternative splicing of this gene results in four protein products with identical N- and C-termini. [provided by RefSeq
Other Designations	BCL2/adenovirus E1B 19kD interacting protein 1|BCL2/adenovirus E1B 19kD-interacting protein 1|OTTHUMP00000161079

Pathway

- SNARE interactions in vesicular transport

Disease

- [Genetic Predisposition to Disease](#)

- [Prostatic Neoplasms](#)