

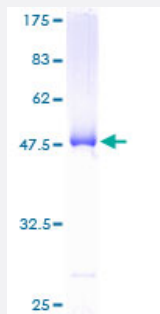
Full-Length

BID (Human) Recombinant Protein (P01)

Catalog # H00000637-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BID full-length ORF (AAH09197, 1 a.a. - 195 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDCEVNNGSSLRDECITNLLVFGFLQSCSDNSFRRELDALGHELPVLAPQWEGYDELQTDGNRS
SHSRLGRIEADSESQEDIIRNIARHLAQVGDSMDRSIPPGLVNGLALQLRNTSRSEEDRNRDLATAL
EQLLQAYPRDMEKEKTMLVLALLAKKVASHTPSLLRDVFHTTVNFINQLRTYVRSLARNGMD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

47.19

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 — BID

Entrez GeneID	637
GeneBank Accession#	BC009197
Protein Accession#	AAH09197
Gene Name	BID
Gene Alias	FP497, MGC15319, MGC42355
Gene Description	BH3 interacting domain death agonist
Omim ID	601997
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq]
Other Designations	BH3-interacting domain death agonist BID isoform ES(1b) BID isoform L(2) BID isoform Si6 Human BID coding sequence OTTHUMP00000196197 apoptotic death agonist desmocollin type 4

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

- [Apoptosis](#)
- [Natural killer cell mediated cytotoxicity](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Metastasis](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)