

Product datasheet for **AR09006PU-N**

BID (1-195) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	BID (1-195) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MDCEVNNGSS LRDECITNLL VFGFLQSCSD NSFRRLEDAL GHHELPVLAPQ WEGYDELQTD GNRSSHSRLG RIEADSESQE DIIRNIARHL AQVGDSMDRS IPPGLVNGLA LQLRNTSRSE EDNRDLATA LEQLLQAYPR DMEKEKTMLV LALLLAKKVA SHTPSLLRDV FHITTVNFINQ NLRTYVRSLA RNGMD
Predicted MW:	21.9 kDa
Concentration:	lot specific
Purity:	>95% >= 95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl pH 8.0, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human BID protein was expressed in E.coli and purified by using conventional chromatography techniques.
Note:	NCBI Accession No.: NP_001187
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001187
Locus ID:	637
UniProt ID:	P55957 , A8ASI8 , B3KT21
Cytogenetics:	22q11.21
Synonyms:	FP497



[View online »](#)

Summary:

This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2, and thus regulate apoptosis. 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. [provided by RefSeq, Aug 2020]

Protein Families:

Druggable Genome

Protein Pathways:

Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Natural killer cell mediated cytotoxicity, p53 signaling pathway, Pathways in cancer, Viral myocarditis

Product images: