

## Product datasheet for **AR09006PU-L**

### BID (1-195) Human Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | BID (1-195) human recombinant protein, 0.5 mg  |
| Species:                              | Human  |
| Expression Host:                      | E. coli  |
| Expression cDNA Clone or AA Sequence: | MDCEVNNGSS LRDECITNLL VFGFLQSCSD NSFRRLEDAL GHELPVLAPQ WEGYDELQTD<br>GNRSSHSRLG RIEADSESQE DIIRNIARHL AQVGDSMDRS IPPGLVNGLA LQLRNTSRSE<br>EDRNRDLATA LEQLLQAYPR DMEKEKTMLV LALLLAKKVA SHTPSLLRDV FHITTVNFINQ<br>NLRTYVRSLA RNGMD |
| Predicted MW:                         | 21.9 kDa   |
| Concentration:                        | lot specific   |
| Purity:                               | >95% >= 95% by SDS PAGE  |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>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:                               | <a href="#">NP_001187</a>  |
| Locus ID:                             | 637  |
| UniProt ID:                           | <a href="#">P55957</a> , <a href="#">A8ASI8</a> , <a href="#">B3KT21</a>   |
| Cytogenetics:                         | 22q11.21   |
| Synonyms:                             | FP497  |



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**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:**