

## Datasheet for ABIN7552807 **BID Protein (AA 1-195) (His tag)**



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### Overview

Quantity:	1 mg
Target:	BID
Protein Characteristics:	AA 1-195
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BID protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant BID Protein expressed in mammalian cells.
Sequence:	MDCEVNNGSS LRDECITNLL VFGFLQSCSD NSFRRELDAL GHHELPVLAPQ WEGYDELQTD GNRSSHSRLG RIEADSESQE DIIRNIARHL AQVGDSMDRS IPPGLVNGLA LQLRNTSRSE EDRNRDLATA LEQLLQAYPR DMEKEKTMLV LALLLAKKVA SHTPSLLRDV FHTTVNFINQ NLRTYVRSLA RNGMD <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and</li></ul>

## Product Details

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transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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## Target Details

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Target:	BID
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Alternative Name:	BID ( <a href="#">BID Products</a> )
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Background:	<p>BH3-interacting domain death agonist (p22 BID) (BID) [Cleaved into: BH3-interacting domain death agonist p15 (p15 BID), BH3-interacting domain death agonist p13 (p13 BID), BH3-interacting domain death agonist p11 (p11 BID)],FUNCTION: Induces caspases and apoptosis (PubMed:14583606). Counters the protective effect of BCL2 (By similarity). {ECO:0000250 UniProtKB:P70444, ECO:0000269 PubMed:14583606}., FUNCTION: [BH3-interacting domain death agonist p15]: Induces caspase activation and apoptosis (PubMed:15661737, PubMed:32029622). Allows the release of cytochrome c (PubMed:32029622). {ECO:0000269 PubMed:15661737, ECO:0000269 PubMed:32029622}., FUNCTION: [Isoform 1]: Induces ICE-like proteases and apoptosis. {ECO:0000269 PubMed:14583606}., FUNCTION: [Isoform 2]: Induces ICE-like proteases and apoptosis. {ECO:0000269 PubMed:14583606}., FUNCTION: [Isoform 3]: Does not induce apoptosis. {ECO:0000269 PubMed:14583606}., FUNCTION: [Isoform 4]: Induces ICE-like proteases and apoptosis. {ECO:0000269 PubMed:14583606}.</p>
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Molecular Weight:	22.0 kDa
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UniProt:	<a href="#">P55957</a>
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Pathways:	<a href="#">Apoptosis, Caspase Cascade in Apoptosis, Positive Regulation of Endopeptidase Activity</a>
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## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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