



# Recombinant Rat BH3-interacting domain death agonist (Bid)

<b>Product Code</b>	CSB-EP867557RA-B
<b>Abbreviation</b>	Bid
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9JLT6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDSEVSNVSG LGAEHITNLL VFGFLRNNDR DFHQELEVELG QELPVQVYLE GDREDELQTD GSRASRSFYH GRIEPDSESQ DEVIHNIARH LAQAGDELHD SIQPTLVRQL AAQFMNGSLS EEDKRNCLAK ALDEVKTSFP RDMENDKAML IMTMLLAKKV ASHAPSLLRD VFRTTVNFIN QNLFSYVRDL VRNEMD
<b>Source</b>	E.coli
<b>Target Names</b>	Bid
<b>Protein Names</b>	Recommended name: BH3-interacting domain death agonist Alternative name(s): p22 BID Short name= BID Cleaved into the following 3 chains: 1. BH3-interacting domain death agonist p15 Alternative name(s): p15 BID BH3-interacting do
<b>Expression Region</b>	1-196
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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