

Recombinant Human BID

Cat. No. BID-26711TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Bid with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 cell expression system; amino acids 1-95, 52kDa.
Species	Human
ProteinLength	1-95 a.a.
Description	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.
Tissue specificity	Isoform 2 and isoform 3 are expressed in spleen, bone marrow, cerebral and cerebellar cortex. Isoform 2 is expressed in spleen, pancreas and placenta (at protein level). Isoform 3 is expressed in lung, pancreas and spleen (at protein level). Isoform 4 is
Form	Liquid
Storage buffer	Preservative: 150mM Imidazole Constituents: 25% Glycerol, 50mM MOPS, 150mM Sodium chloride, 0.25mM DTT, 0.1mM PMSF, pH 7.5

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.
GENE INFORMATION	
Gene Name	BID BH3 interacting domain death agonist [Homo sapiens]
Official Symbol	BID
Synonyms	BID; BH3 interacting domain death agonist; BH3-interacting domain death agonist;
Gene ID	637
mRNA Refseq	NM_001196
Protein Refseq	NP_001187
MIM	601997
Uniprot ID	P55957
Chromosome Location	22q11.2
Pathway	Activation and oligomerization of BAK protein, organism-specific biosystem; Activation of BAD and translocation to mitochondria, organism-specific biosystem; Activation of BH3-only proteins, organism-specific biosystem; Activation, myristoylation of BID and translocation to mitochondria, organism-specific biosystem; Activation, translocation and oligomerization of BAX, organism-specific biosystem;

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Function

death receptor binding; protein binding; ubiquitin protein ligase binding;

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