

Product datasheet for **TP760319**

BID (NM_197966) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human BH3 interacting domain death agonist (BID), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length BID
Tag:	N-His
Predicted MW:	26.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_932070
Locus ID:	637
UniProt ID:	P55957 , B3KT21
RefSeq Size:	2506
Cytogenetics:	22q11.21
RefSeq ORF:	723
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: