

Product datasheet for **TP307261M**

BID (NM_001196) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human BH3 interacting domain death agonist (BID), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207261 protein sequence Red =Cloning site Green =Tags(s)

MCSGAGVMMARWAARGRAGWRSTVIRILSPLGHCEPGVSRSCRAAQAMDCEVNNGSSLRDECITNLLVFGF
LQSCSDNSFRRELDALGHELPLAPQWEGYDELQTDGNRSSHRLGRIEADSESQEDIIRNIARHLAQVG
DSMDRSIPPGLVNGLALQLRNTSRSEEDRNRDLATALEQLLQAYPRDMEKEKTMLVLALLLAKKVASQTP
SLLRDVFHTTVNFINQLRITYVRSRLARNGMD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	21.8 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, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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_001187
Locus ID:	637



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UniProt ID: [P55957](#), [A8ASI8](#), [B3KT21](#)

RefSeq Size: 2217

Cytogenetics: 22q11.21

RefSeq ORF: 726

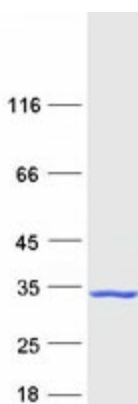
Synonyms: FP497

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:



Coomassie blue staining of purified BID protein (Cat# [TP307261]). The protein was produced from HEK293T cells transfected with BID cDNA clone (Cat# [RC207261]) using MegaTran 2.0 (Cat# [TT210002]).