

Product datasheet for PH307261

BID (NM_001196) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BID MS Standard C13 and N15-labeled recombinant protein (NP_001187)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207261
Predicted MW:	26.8 kDa
Protein Sequence:	>RC207261 protein sequence Red=Cloning site Green=Tags(s) MCSGAGVMARWAARGRAGRSTVRILSPLGHCEPGVSRSCRAAQAMDCEVNNGSSLRDECITNLLVFGF LQSCSDNSFRRELDALGHEL PVLAPQWEGYDELQTDGNRSSHRLGRIEADSESQEDIIRNIARHLAQVG DSMDRSIPPGLVNLALQLRNTSRSEEDRNRDLATALEQLLQAYPRDMEKEKTMVLALLLAKKVASQTP SLLRDVFHTTVNFINQLRITYVRSRLARNGMD TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001187</u>
RefSeq Size:	2217
RefSeq ORF:	726
Synonyms:	FP497
Locus ID:	637
UniProt ID:	<u>P55957</u> , <u>A8AS18</u> , <u>B3KT21</u>



[View online »](#)

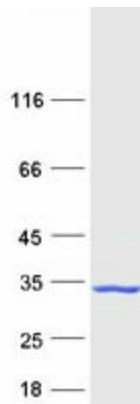
Cytogenetics: 22q11.21

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]).