

BID, 1-195aa, Human, Recombinant, E.coli

Cat.NO.: TP01334

3th Edition

Synonyms:BH3 interacting domain death agonist isoform 2, FP497.

Description:BID is a pro-apoptotic Bcl-2 protein containing only the BH3 domain. In response to apoptotic signaling, BID interacts with another Bcl-2 family protein, Bax, leading to the insertion of Bax into the outer mitochondrial membrane.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

Molecular Weight:21.9 kDa (195 aa), confirmed by MALDI-TOF

Sequences:

MDCEVNNGSSLRDECITNLLVFGFLQSCSDNSFRRELDALGHELPVLAPQWEGYDELQTDGNRSSHSRLGRIEAD
SESQEDIIRNIARHLAQVGDSMDRSIPPGLVNGLALQLRNTSRSEEDRNRDLATALEQLLQAYPRDMEKEKTMVLVA
LLAKKVASHTPSLLRDVFHTTVNFINQNLRTYVRSLARNGMD

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.