

32-8121: Recombinant Human BAX/Bcl-2-Like Protein 4/BCL2L4 (N, C-6His)(Discontinued)

Gene : BAX
Gene ID : 581
Uniprot ID : Q07812

Description

Source: E. coli.
MW :22.1kD.

Recombinant Human BCL2-associated X protein is produced by our E.coli expression system and the target gene encoding Met1-Gln171 is expressed with a 6His tag at the N-terminus, 6His tag at the C-terminus. Apoptosis Regulator BAX (BAX) belongs to the Bcl-2 family. BAX exists as a homodimer and is expressed in a wide variety of tissues. The Bax gene encodes different isoforms including Bax alpha (21 kDa) and Bax beta (24 kDa). Although both isoforms contain BH1, BH2 and BH3 domains, Bax beta has a unique carboxyl terminus and does not contain a hydrophobic transmembrane domain. BAX accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. BAX also promotes activation of CASP3, and thereby apoptosis.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MGSSHHHHHHSSGLVPRGSHMDGSGEQPRGGPTSSEQIMKTGALLLQGFIQDRAGRMGGEAPELALDPVP
QDASTKKLSECLKRIGDELDSNMELQRMIAAVDTSPREVFFRVAADMFSDDGNFNWGRVVALFYFASKLVLKA
LCTKVPELIRTIMGWTLDFLRERLLGWIQDQGGWDGLLSYFGTPTWQLEHHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.