

32-8874: Recombinant Human Bcl-2-like Protein 11/BIML (N-6His)(Discontinued)

Gene : BCL2L11

Gene ID : 10018

Uniprot ID : O43521

Description

Source: E.coli.

MW :15kD.

Recombinant Human Bcl-2-like Protein 11 is produced by our E.coli expression system and the target gene encoding Met1-Arg120 is expressed with a 6His tag at the N-terminus. BIML is one of several splice variants of BIM, a proapoptotic protein belonging to the BH-3 domain-only subgroup of Bcl-2 family members. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. BIML is thought to promote apoptosis by binding and inhibiting the activity of anti-apoptotic Bcl-2 family members, thereby inducing the release of cytochrome c from mitochondria. BIML is normally sequestered in an inactive conformation from anti-apoptotic Bcl-2 family members through binding to the microtubule-associated dynein motor complex. Certain apoptotic stimuli release BIML from microtubules to neutralize anti-apoptotic Bcl-2 family members, allowing for the initiation of apoptosis.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM HEPES, 150mM NaCl, 10% glycerol, 2mM DTT, pH8.0

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : MNHKVHHHHHMAKQPSDVSSECDREGRQLQPAERPPQLRPGAPTSLQTEPQDRSPAPMSCDKSTQTPSPPCQAFNHYLSAMASMRQAEPADMRPEIWIAQELRRIGDEFNAYYARRVFLNNYQAAEDHPR

Application Note

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