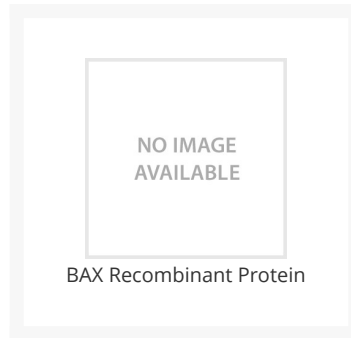




BAX Recombinant Protein

Cat. No.: 92-060



Ψ Specifications

SPECIES:	Human
SOURCE SPECIES:	E. coli
SEQUENCE:	Met1-Gln171
FUSION TAG:	N, C-6 His tag
TESTED APPLICATIONS:	
APPLICATIONS:	This recombinant protein can be used for biological assays. For research use only.
PREDICTED MOLECULAR WEIGHT:	22.1 kD

Ψ Properties

PURITY:	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
PHYSICAL STATE:	Lyophilized
BUFFER:	Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,pH7.4. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in ddH2O.

STORAGE CONDITIONS:	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.
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Ψ Additional Info

OFFICIAL SYMBOL:	BAX
ALTERNATE NAMES:	Apoptosis Regulator BAX, Bcl-2-Like Protein 4, Bcl2-L-4, BAX, BCL2L4
ACCESSION NO.:	Q07812
PROTEIN GI NO.:	767904139
GENE ID:	581

Ψ Background and References

BACKGROUND:	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.
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