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Datasheet for ABIN7318194 **BAX Protein (His tag)**

Overview

Quantity:	50 µg
Target:	BAX
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAX protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human BAX/BCL2L4 Protein (His Tag)
Sequence:	Met 1-Gln171
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	BAX
Alternative Name:	BAX/BCL2L4 (BAX Products)
Background:	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

Target Details

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.

Synonym: Apoptosis Regulator BAX, Bcl-2-Like Protein 4, Bcl2-L-4, BAX, BCL2L4

Molecular Weight:	22.1 kDa
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UniProt:	Q07812
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Pathways:	p53 Signaling , PI3K-Akt Signaling , Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 2 mM EDTA, 5 % Threhalose, 30 % Glycerol, pH 7.4.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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