

# Recombinant Human BAX/BCL2L4 Protein (His Tag)

Catalog Number:PKSH032110



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

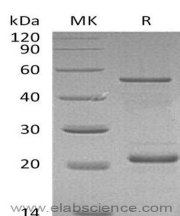
## Description

<b>Synonyms</b>	Apoptosis Regulator BAX; Bcl-2-Like Protein 4; Bcl2-L-4; BAX; BCL2L4
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met1-Gln171
<b>Accession</b>	Q07812
<b>Calculated Molecular Weight</b>	22.1 kDa
<b>Observed molecular weight</b>	22 & 52 kDa
<b>Tag</b>	N-6His & C-6His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at< -20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,2mM EDTA,5% Threhalose,30% Glycerol,pH7.4.
<b>Reconstitution</b>	Not Applicable

## Data



## 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.

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017