

Recombinant Human BAX/BCL2L4 Protein (His Tag)

Catalog Number:PKSH032110



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

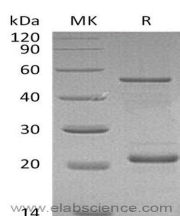
Description

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

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	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.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,2mM EDTA,5% Threhalose,30% Glycerol,pH7.4.
Reconstitution	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.

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