



Recombinant Protein Technical Manual
Recombinant Human BAX/BCL2L4 Protein (His Tag)
RPES3322

Product Data:

Product SKU: RPES3322

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q07812

Protein Information:

Molecular Mass: 22.1 kDa

AP Molecular Mass: 22&52 kDa

Tag: N,C-6His

Bio-activity:

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: Please refer to the printed manual for detailed information.

Application:

Synonyms: Apoptosis Regulator BAX; Bcl-2-Like Protein 4; Bcl2-L-4; BAX; BCL2L4

Immunogen Information:

Sequence: Met 1-Gln171

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.