

Recombinant Human BCL2A1

Catalog No: #GP10118



Package Size: #GP10118-1 100ug

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Description

Product Name	Recombinant Human BCL2A1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-175 amino acids of human BCL2-related protein A1
Target Name	BCL2-related protein A1
Other Names	GRS; BFL1; ACC-1; ACC-2; HBPA1; BCL2L5
Accession No.	Swissprot:Q16548Gene Accession:BC016281
Uniprot	Q16548
GeneID	597;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators that are involved in a wide variety of cellular activities such as embryonic development, homeostasis and tumorigenesis. The protein encoded by this gene is able to reduce the release of pro-apoptotic cytochrome c from mitochondria and block caspase activation. This gene is a direct transcription target of NF-kappa B in response to inflammatory mediators, and is up-regulated by different extracellular signals, such as granulocyte-macrophage colony-stimulating factor (GM-CSF), CD40, phorbol ester and inflammatory cytokine TNF and IL-1, which suggests a cytoprotective function that is essential for lymphocyte activation as well as cell survival. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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