



Recombinant Human Bcl-2-related protein A1 (BCL2A1)

Product Code	CSB-BP614974HU
Abbreviation	BCL2A1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16548
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTDCEFGYIY RLAQDYLQCV LQIPQPGSGP SKTSRVLQNV AFSVQKEVEK NLKSCLDNVN VVSVDTARTL FNQVMEKEFE DGIINWGRIV TIFAFEGILI KKLLRQQIAP DVDTYKEISY FVAEFIMNNT GEWIRQNGGW ENGFVKKFEP KSGWMTFLEV TGKICEMLSL LKQYC
Source	Baculovirus
Target Names	BCL2A1
Protein Names	Recommended name: Bcl-2-related protein A1 Alternative name(s): Bcl-2-like protein 5 Short name= Bcl2-L-5 Hemopoietic-specific early response protein Protein BFL-1 Protein GRS
Expression Region	1-175
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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. This protein 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.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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