



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

<b>Product Code</b>	CSB-MP614974HU
<b>Abbreviation</b>	BCL2A1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q16548
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTDCEFGYIY RLAQDYLQCV LQIPQPGSGP SKTSRVLQNV AFSVQKEVEK NLKSCLDNVN VVSVDTARTL FNQVMEKEFE DGIINWGRIV TIFAFEGILI KKLLRQQIAP DVDTYKEISY FVAEFIMNNT GEWIRQNGGW ENGFVKKFEP KSGWMTFLEV TGKICEMLSL LKQYC
<b>Source</b>	Mammalian cell
<b>Target Names</b>	BCL2A1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-175
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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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