



Recombinant human Bcl-2-like protein 1

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| Product Code | CSB-YP002613HU |
| 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. | Q07817 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MSQSNRELVVDFLSYKLSQKGYSSWSQFSDVEENRTEAPEGTESEMETPSAIN GNPSWHLADSPAVNGATGHSSSLDAREVIPMAAVKQALREAGDEFELRYRRA FSDLTSQLHITPGTAYQSFEQVVNELFRDGVNWGRIVAFFSFGGALCVESVDK EMQVLVSRIAAWMATYLNHLEPWIQENGGWDTFVELYGNNAAESRKGQE R |
| Research Area | Cancer |
| Source | Yeast |
| Target Names | BCL2L1 |
| Expression Region | 1-209aa |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Partial of the full length of 1-233aa |
| Target Details | This protein belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. |
| 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. |
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