Recombinant Human BCL2 Protein(GST Tag)

Catalog Number: PDEH101111

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

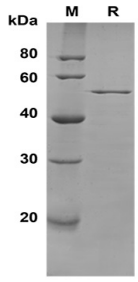
Description

Species	Human
Source	E.coli-derived Human BCL2 protein Met1-Asp211, with an N-terminal GST
Mol_Mass	49.2 kDa
Accession	P10415
Bio-activity	Not validated for activity

Properties

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis

Data



SDS-PAGE analysis of Human BCL2 proteins, 2μg/lane of Recombinant Human BCL2 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 50 kDa

Background

BCL2-like 12 (BCL2L12) is a new member of the apoptosis-related BCL2 gene family, members of which are implicated in various malignancies. The mRNA expression of BCL2L12 may constitute a novel biomarker for the prediction of short-term relapse in nasopharyngeal carcinoma. BCL2L12 is a recently identified gene belonging to the BCL2 family, members of which are implicated in hematologic malignancies, including chronic lymphocytic leukemia (CLL). BCL2L12 can be considered as a new independent prognostic and chemotherapy response marker in AML. BCL2L12 mRNA expression may serve as a potential prognostic biomarker in tongue and/or larynx SCC, which principally constitute the great majority of HNSCC cases worldwide. BCL2L12 mRNA expression is a favorable prognostic marker of DFS for BC patient s, suggesting its possible application as a novel prognostic indicator of this malignancy.

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