

## BCL2L12 Protein, Human, Recombinant (GST)

### General Information

Synonyms:	BCL2-like 12 (proline rich)
Protein Construction:	A DNA sequence encoding the human BCL2L12 (Q9HB09-1) (Pro147-Lys227) was fused with the GST tag at the N-terminus. Predicted N terminal: Met
Species:	Human
Expression Host:	E. coli
Accession:	Q9HB09-1
Molecular Weight:	36 kDa (predicted); 33 kDa (reducing conditions)

### QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin:	Please contact us for more information.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 8.0. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

### Preparation and Storage

Reconstitution:	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Stability & Storage:	It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>
Shipping:	In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

### Protein 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

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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 patients, suggesting its possible application as a novel prognostic indicator of this malignancy.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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