



Certificate of Analysis

Bcl-XL Protein, Mouse (His)

Cat. No.:	HY-P72846
Batch No.:	348797
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	C-His
Accession:	Q64373-1 (M1-R212)
Gene ID:	12048
Molecular Weight:	Approximately 33 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1. Immobilized human BID at 10 μg/mL (100 μl/well) can bind biotinylated mouse BCL2L1, The EC ₅₀ of biotinylated mouse BCL2L1 is 5.6 ng/mL. 2. Immobilized mouse BID at 10 μg/mL (100 μl/well) can bind biotinylated mouse BCL2L1, The EC ₅₀ of biotinylated mouse BCL2L1 is 7.1 ng/mL.	5.6 ng/mL (Test by method 1) 7.1 ng/mL (Test by method 2)
Appearance	Solution	
Concentration	0.84 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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