



# Certificate of Analysis

## BID Protein, Mouse (His)

Cat. No.:	HY-P701328
Batch No.:	289271
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	C-His
Accession:	EDK99650.1 (A1-S195)
Gene ID:	12122
Molecular Weight:	Approximately 22.72 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method	PASS
Biological Activity	Mouse BID, His Tag immobilized on CM5 Chip can bind Human BCL2L1/Bcl-XL Protein, His Tag with an affinity constant of 33.06 nM as determined in SPR assay (Biacore T200).	33.06 nM
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA