



# Certificate of Analysis

## BMP-2 Protein, Zebrafish

**Cat. No.:** HY-P72854  
**Batch No.:** 245245  
**Species:** Others  
**Source:** *E. coli*  
**Tag:** Tag Free  
**Accession:** B3DI86 (Q272-R386)  
**Gene ID:** /  
**Molecular Weight:** Approximately 13 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells and the ED <sub>50</sub> is typically 0.5-3 μg/mL.	1.4 μg/mL
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. 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.**

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