

BMP-2a Protein, Zebrafish

Cat. No.:	HY-P79075
Synonyms:	Bmp2a protein; bmp2a; Bone morphogenetic protein 2a
Species:	Others
Source:	E. coli
Accession:	AAI63048.1 (Q272-R386)
Gene ID:	30631
Molecular Weight:	Approximately 13 kDa

PROPERTIES

AA Sequence	<p>Q A R N N K Q R K K H K A N C R R H S L Y V D F S D V G W N D W I V A P P G Y H</p> <p>A F Y C Q G E C P F P L A D H L N S T N H A I V Q T L V N S V N S N I P R A C C</p> <p>V P T D L S P V S L L Y L D E Y E R V I L K N Y Q D M V V E G C G C R</p>
Biological Activity	Measured by its ability to induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED ₅₀ for this effect is 48-400 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris-HCL, 300 mM NaCl, 200 mM Arginine, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

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