

Recombinant Zebrafish bmp2a protein

Cat. No. bmp2a-8706D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish bmp2a protein(B3DI86) (Gln272-Arg386) was expressed and purified in E. coli with an initial Met.
Species	Zebrafish
Source	E.coli
ProteinLength	272-386 a.a.
Tag	Non
Form	Lyophilized from sterile 30mM HAC, pH 3.0.
Bio-activity	Measured by its ability to induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED50 for this effect is typically 0.5-3 µg/mL.
Molecular Mass	The recombinant zebrafish BMP2A consists of 116 amino acids and has a calculated molecular mass of 13.2 kDa. It migrates as an 13 KDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Official Symbol bmp2a

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