BIOZOL

Diagnostica Vertrieb GmbH, Oehleckerring 11-13

22419 Hamburg, Germany

Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99

E-Mail: info@biozol.de

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Recombinant Eel FGF-2/bFGF, Unconjugated

EMB-Y00321E-50UG

Article Name	Recombinant Eel FGF-2/bFGF, Unconjugated
Biozol Catalog Number	EMB-Y00321E-50UG
Supplier Catalog Number	Y00321E
Alternative Catalog Number	EMB-Y00321E-50UG, EMB-Y00321E-1MG
Manufacturer	EastMabBio
Category	Proteine/Peptide
Application	Cell Culture
Conjugation	Unconjugated
Molecular Weight	17 kDa
Tag	Tag free
UniProt	XP_035281190.1
Buffer	Lyophilized from a 0.22 um filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Source	E. coli
Purity	95% by SDS-PAGE

Form	Lyophilized powder
Target	bFGF/FGF-2
Application Notes	Expression Region: Met1-Ser155. Specificity: Eel FGF-2/bFGF. Bioactivity: Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 2.0 ng/mL. Endotoxin: 10 EU/mg. Research Area: Cell-Cultured Eel Meat Production - Drives proliferation of eel muscle satellite cells and fibroblasts for cultivated seafood development. Eel Regeneration and Developmental Biology - Models fin regeneration, spinal cord repair, and embryonic morphogenesis. Eel Stem Cell Culture - Maintains pluripotency and supports differentiation of anguillid embryonic stem cells. Comparative Developmental Studies - Investigates FGF-2-driven tissue patterning across teleost species. Serum-Free Culture Systems - Suitable for chemically defined and xeno-free cell culture media