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Product Datasheet

Recombinant Fish (Sparus aurata) FGF-2/bFGF, Unconjugated

EMB-Y00341-50UG

Article Name	Recombinant Fish (Sparus aurata) FGF-2/bFGF, Unconjugated
Biozol Catalog Number	EMB-Y00341-50UG
Supplier Catalog Number	Y00341
Alternative Catalog Number	EMB-Y00341-50UG, EMB-Y00341-1MG
Manufacturer	EastMabBio
Category	Proteine/Peptide
Application	Cell Culture
Species Reactivity	Fish
Conjugation	Unconjugated
Molecular Weight	17.1 kDa
Tag	Tag free
UniProt	XP_030252529.1
Buffer	Lyophilized from a 0.22 um filtered solution containing 10 mM PB, 250 mM NaCl, 5% mannitol 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-Cys155. Specificity: Fish (Sparus aurata) 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 Gilthead Seabream Meat Production - Drives proliferation of fish muscle satellite cells and fibroblasts in plant-based media formulations. Fish Embryonic Stem Cell Culture - Maintains pluripotency and proliferation of piscine stem cells for developmental studies. Marine Developmental Biology - Models embryonic patterning, somitogenesis, and fin development in gilthead seabream. Fish Intestinal Organoid Culture - Supports 3D culture of marine fish gut epithelium for nutrition and aquaculture research. Serum-Free Culture Systems - Suitable for chemically defined and xeno-free cell culture media