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Product Datasheet

Recombinant Salmon FGF-2/bFGF, Unconjugated

EMB-Y00321S-50UG

Article Name	Recombinant Salmon FGF-2/bFGF, Unconjugated
Biozol Catalog Number	EMB-Y00321S-50UG
Supplier Catalog Number	Y00321S
Alternative Catalog Number	EMB-Y00321S-50UG, EMB-Y00321S-1MG
Manufacturer	EastMabBio
Category	Proteine/Peptide
Application	Cell Culture
Species Reactivity	Fish
Conjugation	Unconjugated
Molecular Weight	17 kDa
Tag	Tag free
UniProt	XP_014067501.1
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-Arg155. Specificity: Salmon 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 Salmon Meat Production - Drives proliferation of salmon muscle satellite cells, fibroblasts, and adipocytes in serum-free media. Salmon Embryonic Development Research - Models somitogenesis, neural patterning, and fin bud formation in Atlantic salmon. Salmon Stem Cell Culture - Maintains pluripotency and supports differentiation of salmon embryonic stem cells. Fish Muscle Development and Myogenesis - Investigates myogenic regulatory factor expression and muscle fiber formation. Serum-Free Culture Systems - Suitable for chemically defined and xeno-free cell culture media