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Product Datasheet

Recombinant Eel FGF-2/bFGF, Unconjugated

EMB-Y00321E-50UG

Artikelname	Recombinant Eel FGF-2/bFGF, Unconjugated
Artikelnummer	EMB-Y00321E-50UG
Hersteller Artikelnummer	Y00321E
Alternativnummer	EMB-Y00321E-50UG, EMB-Y00321E-1MG
Hersteller	EastMabBio
Kategorie	Proteine/Peptide
Applikation	Cell Culture
Konjugation	Unconjugated
Molekulargewicht	17 kDa
Tag	Tag free
UniProt	XP_035281190.1
Puffer	Lyophilized from a 0.22 um filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Quelle	E. coli
Reinheit	95% by SDS-PAGE

Formulierung	Lyophilized powder
Target-Kategorie	bFGF/FGF-2
Anwendungsbeschreibung	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