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# Product Datasheet

## Recombinant Chicken FGF-2/bFGF, Unconjugated

## EMB-Y00321C-50UG

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|---|---|
| Artikelname | Recombinant Chicken FGF-2/bFGF, Unconjugated |
| Artikelnummer | EMB-Y00321C-50UG |
| Hersteller Artikelnummer | Y00321C |
| Alternativnummer | EMB-Y00321C-50UG, EMB-Y00321C-1MG |
| Hersteller | EastMabBio |
| Kategorie | Proteine/Peptide |
| Applikation | Cell Culture |
| Spezies Reaktivität | Gallus |
| Konjugation | Unconjugated |
| Molekulargewicht | 17.3 kDa |
| Tag | Tag free |
| UniProt | P48800 |
| 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: Pro13-Ser158. Specificity: Chicken FGF-2/bFGF. Bioactivity: Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 10-50 ng/mL. Endotoxin: 10 EU/mg. Research Area: Cell-Cultured Poultry Meat Production - Drives proliferation of chicken muscle satellite cells, fibroblasts, and adipogenic precursors in serum-free media. Chicken Embryonic Stem Cell Maintenance - Sustains self-renewal and pluripotency of cESCs for germline modification and developmental studies. Avian Muscle Development and Myogenesis - Models embryonic muscle patterning and supports myogenic differentiation protocols. Chicken Intestinal Organoid Culture - Supports 3D culture of chicken gut epithelium for nutrition and microbiome research. Serum-Free Culture Systems - Suitable for chemically defined and xeno-free cell culture media |