Recombinant **proteins** and **growth factors** for cultured meat production

Recombinant proteins and growth factors play a crucial role in cultured meat production. They enable sustained growth, proliferation, and differentiation of cells beyond the confines of the living organism. However, a significant challenge is the lack of cost-effective recombinant proteins that is needed to drive the cultured meat industry forward.

GenScript driven by the mission of "Making People and Nature Healthier through Biotechnology", has over two decades of experience in pioneering research and the production of recombinant proteins. We are excited to provide our expertise to foster collaborations enabling cultured meat manufacturers to bring forth a new era of sustainable meat production while safeguarding the environment for generations to come.

Key Features

Kilogram level availability

Up to kilogram level yearly production capacity.

- GenScript's high-yielding strains increase the yield by 10-20 times compared to traditional strains.
- 200 L – 100 kL scale-up bioreactor facilities guarantee premium and consistent supply.

Species-specific availability

Human, bovine, porcine and salmon species-specific proteins available.

Food-grade availability

Food-grade version protein optionally available.

- Production process follows FSSC 22000 standard.
- Rich experience in assisting clients to apply for registration.
- Food-grade reagents are available for final products.

Scan to find out more!

High consistency and stability

Standardized upstream and downstream process records, strict quality control, and systematic stability research ensure product consistency and stability.

Customization availability

Ready for customization. We welcome collaborations to meet additional requirements, such as the development of other species or mutant growth factors.

GenScript
Make Research Easy

Popular Products

Target	Cat. No	Name	Expression system
IGF-I	Z03688	IGF-I, Bovine HOT	*E. coli*
	Z03790	IGF-I, Porcine	*E. coli*
	Z03726	IGF-I, Salmon	*E. coli*
	Z03017	IGF-I, Human	*E. coli*
	Z03177	LR^3-IGF-I (Receptor Grade), Human	*E. coli*
	Z03781	LR^3-IGF-I, Human (Yeast-expressed)	*Yeast*
	Z03792	LR^3-IGF-I, Porcine	*E. coli*
FGF-basic	Z03230	FGF-basic, Bovine HOT	*E. coli*
	Z03727	FGF-basic, Salmon	*E. coli*
	Z03166	FGF-basic (146aa), Human	*E. coli*
	Z03116	FGF-basic (154aa), Human	*E. coli*
	Z03754	Heat Stable FGF-basic, Human	*E. coli*
	Z03769	Heat Stable FGF-basic, Salmon	*E. coli*
PDGF-BB	Z03707	PDGF-BB, Human HOT	*E. coli*
	Z03782	PDGF-BB, Human (Yeast-expressed)	*Yeast*
	Z03725	PDGF-BB, Bovine	*Yeast*
	Z03778	PDGF-BB, Porcine	*Yeast*
Insulin	Z03735	Insulin, Bovine HOT	*Yeast*
Transferrin	Z03736	Transferrin, Bovine	*Fungi*
rBSA	Z03737	BSA, His, Bovine	*Yeast*
FGF-acidic	Z02921	FGF-acidic, Human	*E. coli*
FGF-4	Z02984	FGF-4, Human	*E. coli*
FGF-9	Z03033	FGF-9, Human	*E. coli*
EGF	Z00333	EGF, Human HOT	*E. coli*
	Z03774	EGF, Human	*Yeast*
	Z03777	EGF, Porcine	*E. coli*
	Z03783	EGF, Procine (Yeast-expressed)	*Yeast*
	Z03787	EGF, Chicken	*Yeast*
TGF-β1	Z03411	TGF-β1, Human	*CHO*
	Z03779	TGF-β1, Bovine	*CHO*
	Z03791	TGF-β1, Porcine	*CHO*
VEGF165	Z02689	VEGF165, Human	*Yeast*
	Z03073	VEGF165, Human (HEK 293-expressed)	*HEK 293*
HGF	Z03229	HGF, Human	*CHO*
LIF	Z02681	LIF, Human	*E. coli*
NRG-1β2	Z02747	NRG-1β2, Human	*E. coli*
Cas9	Z03702	GenCRISPR™ Cas9 v1.2	*E. coli*
ELISA kit	L00976	BSA ELISA Kit, 2G	/

860 Centennial Ave., Piscataway, NJ 08854, USA | Toll-Free: 1-877-436-7274 | Tel: 1-732-885-9188 | Fax: 1-732-518-5150 | Email: product@genscript.com

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