

ISOkine

PLANT-BASED PREMIUM GROWTH FACTORS & CYTOKINES



Introducing the ORF Genetics ISOkine Product Range: Pioneering Innovation in **Premium** Recombinant Growth Factors & Cytokines

Unparalleled Safety and Purity

Animal-Free Contaminant-Free:

Recombinant Growth Factors and Cytokines are entirely free of serums, antibiotics, endotoxins, viruses, and unwanted cytokines.

Endotoxin-Free Assurance:

Industry-leading endotoxin levels [<0.005 ng per μg (0.05 EU/ μg)] prevent unwanted cell responses.

Applications Tailored to Your Needs

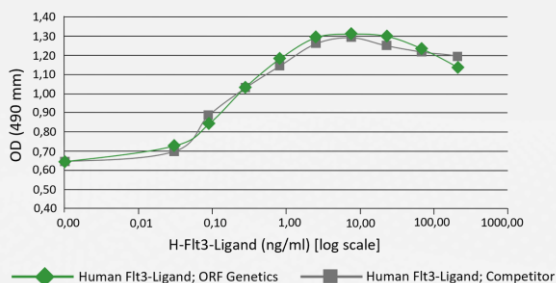
Stem Cell Research: Designed for expansion, differentiation, and characterization of human immune cells.

Regenerative Medicine: Premium-grade Growth Factors compliant with regulatory guidelines for ancillary materials in clinical manufacturing processes.

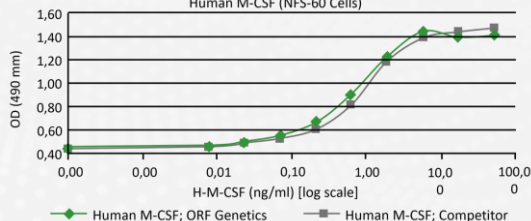
Diagnostics: Reliable immunoassay controls for robust and accurate diagnostic applications.

Research: Ideal for preclinical studies, bridging to GMP- grade products for clinical applications.

Cell Proliferation Assay for H-Fit3-Ligand Using AML5 Cells



Human M-CSF (NFS-60 Cells)



Each batch of ISOkine™ growth factor is tested for bioactivity and verified to have comparable activity to a commercial source.

Nacalai USA
Innovations for Life Sciences.



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Product	Cat No.	Purity	Endotoxin level
EGF, human animal-free, recombinant Epidermal Growth Factor	IK0100	>95%	<0,05 EU/μg
FGFb/FGF2, human, animal-free, recombinant Fibroblast Growth Factor basic	IK0200	>95%	<0,05 EU/μg
IGF-1, LR3, human animal-free, recombinant Insulin-like Growth Factor 1 LR3	IK0300	>95%	<0,05 EU/μg
IL6, human animal-free, recombinant Interleukin 6	IK0400	>95%	<0,05 EU/μg
VEGF165, human animal-free, recombinant Vascular Endothelial Growth Factor	IK0500	>95%	<0,05 EU/μg
KGF/FGF7, human animal-free, recombinant, Keratinocyte Growth Factor	IK0600	>95%	<0,05 EU/μg
LIF, human animal-free, recombiannt, Leukemia Inhibitory Factor	IK0700	>95%	<0,05 EU/μg
LIF, mouse animal-free, recombiannt, Leukemia Inhibitory Factor	IK0701	>95%	<0,05 EU/μg
GDNF, human animal-free, recombinant, Glial Cell Line-Derived Neurotrophic Factor	IK0900	>95%	<0,05 EU/μg
PDGFbb, human animal-free, recombinant, Platelet-Derived Growth Factor	IK1000	>95%	<0,05 EU/μg
Flt3-ligand, human animal-free, recombinant, FMS-like Tyrosine Kinase 3 Ligand	IK1700	>95%	<0,05 EU/μg
G-CSF, human animal-free, recombinant, Granulocyte Colony Stimulating Factor	IK1800	>95%	<0,05 EU/μg
IFN gamma, human animal-free, recombinant, Interferon-Gamma	IK2000	>95%	<0,05 EU/μg
IL-2, human animal-free, recombinant, Interleukin-2	IK2100	>95%	<0,05 EU/μg
IL-3, human animal-free, recombinant, Interleukin-3	IK2200	>95%	<0,05 EU/μg
IL-4, human animal-free, recombinant, Interleukin-4	IK2300	>95%	<0,05 EU/μg
M-CSF, human animal-free, recombinant, Macrophage Colony-Stimulating Factor	IK2400	>95%	<0,05 EU/μg
SCF, human animal-free, recombinant, Stem Cell Factor	IK2500	>95%	<0,05 EU/μg
SCF, mouse animal-free, recombinant, Stem Cell Factor	IK2501	>95%	<0,05 EU/μg
TNF alpha, human animal-free, recombinant, Tumor necrosis factor alpha	IK2600	>95%	<0,05 EU/μg

Vial Sizes: 10 μg, 50 μg, 5 x 10 μg, 100 μg, 10 x 10 μg, 5 x 100 μg, 1,000 μg, 10 x 100 μg, 2,000 μg, 20 x 100 μg,
5,000 μg and 5 x 1,000 μg