

RocketCell™ Animal Origin-Free (AOF) Supplements



B27-Like, N2-Like, N2B27-Like supplements that provide the essential nutrients needed for cell expansion, differentiation, and long-term maintenance.



Animal Origin-Free Components

Formulated exclusively with recombinant and high-purity synthetic ingredients for consistent lot-to-lot reproducibility.



Drop-in Replacement

Protocol-compatible with standard **B27, N2, N2B27 workflows** at equivalent working concentrations.



3D Culture-Validated

While optimized for VitroGel® hydrogels, it also supports animal-based ECMs cultures for spheroids, neuronal cultures, complex co-cultures, and organoid model development.



Broad Application Range

Supports serum-free proliferation across a wide range of cell types and model systems, including glial models, pituitary lines, and select cancer lines, as well as organoid and tumoroid applications



B27-LIKE

N2-LIKE

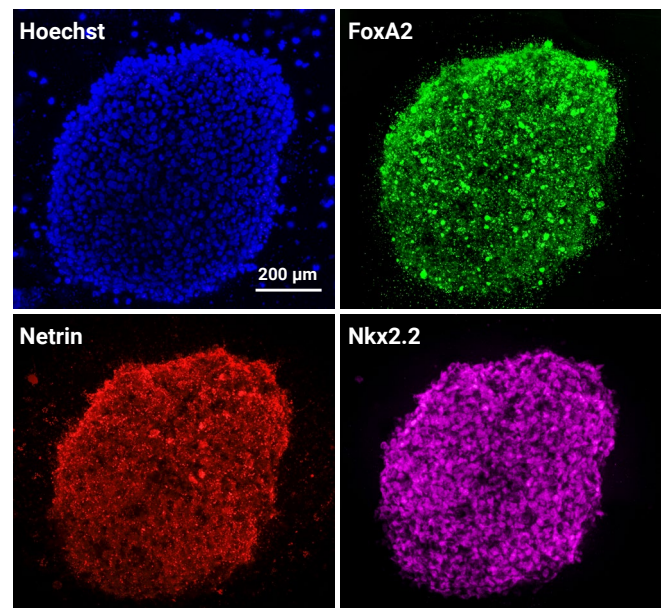
N2B27-LIKE

RocketCell™ S1 Supplement (50X), AOF B27-Like Animal Origin-Free Supplement

RocketCell™ S1 Supplement, AOF is an animal origin-free replacement for conventional B27 supplements, engineered for the long-term survival, maturation, and functional maintenance of CNS neurons and a broad spectrum of other cell types.

Product	Cat. No.	Size	Description
RocketCell™ S1 Supplement (50X), AOF	RCS1-R	10 mL	Standard formulation
RocketCell™ S1 Supplement, Minus Vitamin A (50X), AOF	RCS1-MA	10 mL	For neural induction and organoid protocols requiring retinoid-free conditions
RocketCell™ S1 Supplement, Minus Insulin (50X), AOF	RCS1-MI	10 mL	For metabolic studies and signaling research requiring precise insulin control

Learn more about the product:
thewellbio.com/product/rocketcell-s1-supplement-aof/

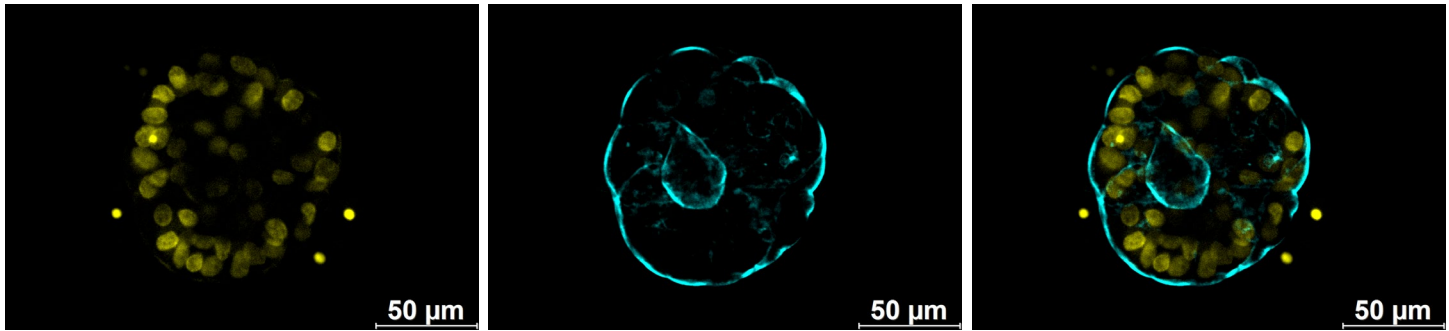


iPSC-derived Neuroectodermal Spheroid Culture in VitroGel® Hydrogels and the RocketCell™ S1 (B27-like) Supplement, AOF

RocketCell™ S2 Supplement (100X), AOF

N2-Like Animal Origin-Free Supplement

RocketCell™ S2 Supplement, AOF is an animal origin-free N2-like supplement providing a minimalistic, precisely controlled serum-free environment for neuronal and non-neuronal cell culture



Mouse Intestinal Organoid Cultured using RocketCell™ S1 (B27-like) & S2 (N2-like) Supplements, AOF

Product	Cat. No.	Size
RocketCell™ S2 Supplement (100X), AOF	RCS2	5 mL

Learn more about the product:

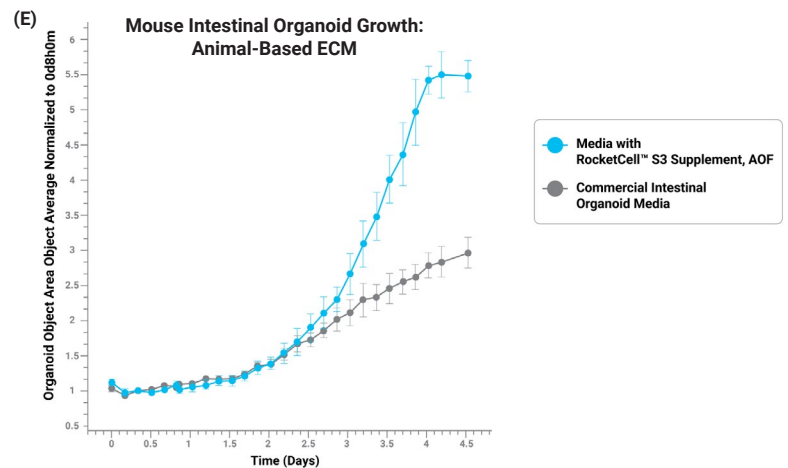
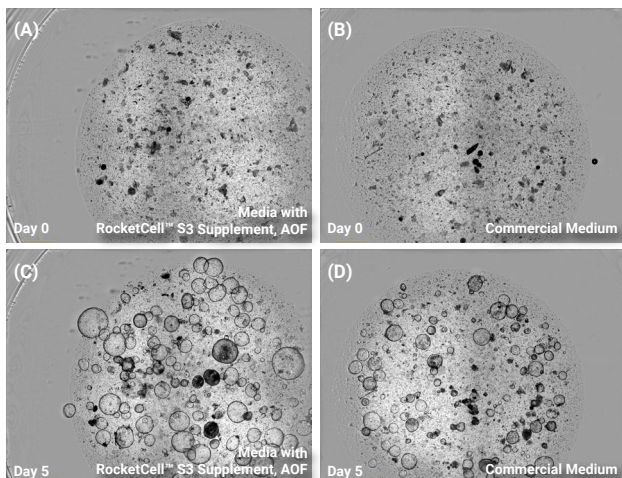
thewellbio.com/product/rocketcell-s2-supplement-aof/



RocketCell™ S3 Supplement (50X), AOF

N2B27-Like Premixed Animal Origin-Free Supplement

RocketCell™ S3 Supplement, AOF (N2B27) is animal origin-free, ready-to-use, 1:1 premix of the RocketCell™ S2 Supplement (N2-like) and S1 Supplement (B27-like) formulations – a single-component solution for culture paradigms that require both supplements simultaneously.



Mouse Intestinal Organoid Development using RocketCell™ S3 (N2B27) Supplement, AOF in Animal-based ECM

Product	Cat. No.	Size
RocketCell™ S3 Supplement (50X), AOF	RCS3	10 mL

Learn more about the product:

thewellbio.com/product/rocketcell-s3-supplement-aof/



Explore our End-to-End Animal Origin-Free Platform for 3D Cell Culture

VitroGel®
Chemically Defined
Hydrogels

RocketCell™
Culture Media &
Supplements

CytoGrow™
Premium Growth
Factors

VitroPrime™
Culture Vessels

VitroGel®
Recovery Solution

Cyto3D®
Reagent for
3D Cell Analysis