Product Name: Human Uterine Corpus Cancer Organoid

Cat. No.: ROTO-2603-CXX-005

Description: Human uterine corpus cancer organoids are patient-derived 3D tumor models established from endometrial carcinoma tissue.

Product Details	
Advantages	When cultured long-term under defined conditions, these organoids recapitulate key features of *in vivo* tumor physiology, making them valuable tools for translational research and therapeutic development.
Species	Human
Product Type	Tissue-derived Organoid
Growth Properties	Embedded 3D Culture
Growth Conditions	Cultured at 37°C under 95% air and 5% CO_2.
Quality Control	Negative for mycoplasma, bacteria, yeast, and fungi.
Tissue	Uterine
Disease	Cancer
Format	Frozen
Organoid Characterization	They retain the morphological complexity, hormone receptor status, and genetic aberrations of the original tumor, including those characteristic of type I and type II endometrial cancers.

Application

Human uterine corpus cancer organoids are 3D models derived from uterine cancer tissues, primarily endometrial carcinoma. They recapitulate key features of the uterine corpus, including tumor heterogeneity, epithelial architecture, and molecular characteristics of the original tissue. These organoids provide an advanced platform for studying uterine cancer progression, drug response, and therapeutic resistance. Applications in preclinical drug testing, targeted therapy development, and personalized medicine enable researchers to better understand molecular drivers of endometrial cancer and improve treatment outcomes.

Storage & Handling	
Storage	Liquid Nitrogen
Shipping Information	Dry Ice

For preclinical research and development use only; not intended for therapeutic or other applications.

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