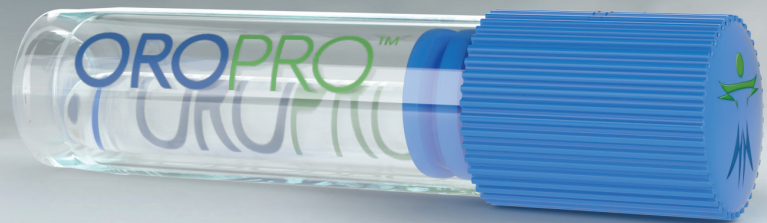




OROPRO™

FLOWABLE WHARTON'S JELLY ALLOGRAFT



OROPRO™ is a connective tissue allograft derived from cryopreserved umbilical cord and Wharton's jelly. **OROPRO™** is meticulously harvested from the perinatal tissue of healthy human births and minimally manipulated through our proprietary BioSureTech™ process, which maintains the active biologics. It is then frozen using our proprietary CryoGen™ controlled rate freezing process which prevents damage and preserves viable tissue.

OROPRO™ contains significant amounts of active biologics, ECM, growth factors, and cytokines. The immunomodulatory and anti-inflammatory effects of these functioning components, plus their tissue regenerative attributes make the use of **OROPRO™** in regenerative medicine highly effective and safe.

TISSUE SOURCE AND PRODUCT CONTENTS



	Placenta	Placenta	Umbilical Cord	
	RHEO™ Amniotic Matrix Allograft	AEON™ Amniotic Fluid Allograft	OROPRO™ Umbilical Cord Allograft	
Cytokines	General Cytokines Fetuin-A Interleukin 37 Macrophage Colony Stimulating Factor Serpin A4 Syndecan - 4			
	Growth Factor Cytokines Bone Morphogenic Protein - 7 Complement Component 5a Fibroblast Growth Factor Platelet Derived Growth Factor Thrombospondin - 2			
	Scaffolding Cytokines Adhesion G Protein Collagen 1, 2, 3 Elastin Fibronectin Hyaluronic Acid			
	Homeostatic Cytokines Cystatin - B Galectin - 9 Granulysin Lipocalin - 2 Intracellular Adhesion Molecule 1			
ISCT Standards Mesenchymal Stem Cell Attributes Biologically Young Source Viable MSC Count Positive Expression of CD73 Positive Expression of CD90 Positive Expression of CD105 Lack Expression of CD14 Lack Expression of CD34 Lack Expression of CD45 Lack Expression of HLA-DR Lack Expression of CD19 Viable MSC: Plastic Adherent				

The number of drop icons reflect relative factor amounts as compared to other BioStem Technologies™ products. All data represented on this grid is informed by either or all available literature, external validation, and internal testing. Empty data fields indicate quantities either found in trace amounts or quantities not specified in literature. Citations and references on file with BioStem Technologies™.

TISSUE DONORS

Healthy women 18-35 years old undergo an extensive clinical risk assessment of their medical and social histories, as well as blood and tissue testing to determine eligibility to donate. The placental tissue can be accepted for donation after a healthy baby is delivered via elective Caesarian section.