

Stem Cell Information

The **National Institutes of Health** resource for stem cell research

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Provider: BresaGen, Inc.

BresaGen, Inc. Registered Cell Lines (United States)				
NIH Code	BG01	BG02	BG03	BG04*
Provider's Code	(hESBGN.01)	(hESBGN.02)	(hESBGN.03)	(hESBGN.04)*
Embryo				
Source	IVF Clinic	IVF Clinic	IVF Clinic	IVF Clinic
Category	Fresh	Fresh	Fresh	Fresh
IVF Status	Discarded—unacceptable for further use	Discarded—unacceptable for further use	Discarded—unacceptable for further use	Discarded—unacceptable for further use
Characteristics				
Passage #	> 70	> 40	> 35	< 5
Mouse Feeder Cells Used in Isolation	Yes	Yes	Yes	Yes
Karyotype	Normal	Normal	46XX	TBD
Stem Cell Immuno Markers:	+	+		
SSEA-1	-	-	-	-
SSEA-3	+	+	+	+
SSEA-4	+	+	+	+
TRA 1-60	+	+	+	TBD
TRA 1-81	+	+	+	TBD
Oct-4	+	+	+	TBD
Alkaline Phosphatase	+	+	+	+
Gender	Male	Male	Female	TBD
Frozen/Thawed:				
Short-term	Yes	Yes	Yes	Yes
Long-term	Yes	Yes	Yes	TBD
Pluripotent	Yes	Yes	Yes	TBD
Commercialization				
Available	43	16	25	No (The cells failed to expand into undifferentiated cell cultures.)
Price	\$5,000 + actual shipping cost	\$5,000 + actual shipping cost	\$5,000 + actual shipping cost	NA
# Shipped	43	21	13	NA
Total			77	

TBD = To be Determined; NA = Not Applicable

This cell line meets the criteria for the use of human embryonic stem cells by federally funded researchers.

* The cells failed to expand into undifferentiated cell cultures.

In your grant applications please use the NIH codes, rather than the providers' codes, to identify the cell lines.

Information about the cell line comes from the provider and has not been independently verified by the NIH.

For any questions about the registry, please e-mail stemcell@mail.nih.gov.

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National Institutes of Health (NIH)
9000 Rockville Pike
Bethesda, Maryland 20892



Department of Health
and Human Services (DHHS)

