

# Stem Cell Information

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

[Home](#) > [Research Topics](#) > [NIH Human Embryonic Stem Cell Registry](#) > Provider: ES Cell International

## Provider: ES Cell International

ES Cell International Registered Cell Lines						
NIH Code	ES01	ES02	ES03	ES04	ES05	ES06
Provider's Code	(HES-1)	(HES-2)	(HES-3)	(HES-4)	(HES-5)	(HES-6)
<b>Embryo</b>						
Source	IVF Clinic	IVF Clinic	IVF Clinic	IVF Clinic	IVF Clinic	IVF Clinic
Category	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen
IVF Status	Surplus, to be discarded	Surplus, to be discarded	Surplus, to be discarded	Surplus, to be discarded	Surplus, to be discarded	Surplus, to be discarded
<b>Characteristics</b>						
Passage #	TBD	TBD	TBD	TBD	TBD	TBD
Mouse Feeder Cells Used in Isolation	Yes	Yes	Yes	Yes	Yes	Yes
Karyotype	46XX	46XX	46XX	46XY	46XY	46XX
Stem Cell Immuno Markers:						
SSEA-1	-	-	-	-	-	NA
SSEA-3	+	+	+	+	+	+
SSEA-4	+	NA	+	+	+	NA
TRA 1-60	+	+	+	+	+	+
TRA 1-81	+	+	+	+	+	+
Oct-4	+	+	+	+	+	+
Alkaline Phosphatase	+	+	+	+	+	+
Gender	Female	Female	Female	Male	Male	Female
Frozen/Thawed:						
Short-Term	Yes	Yes	Yes	Yes	Yes	Yes
Long-Term	Yes	Yes	Yes	Yes	Yes	Yes
Pluripotent	ecto-endo-meso-	ecto-endo-meso-	ecto-endo-meso-	ecto-endo-meso-	ecto-endo-meso-	ecto-endo-meso-
<b>Commercialization</b>						
Available	> 100	> 100	> 100	> 100	> 100	> 100
Price	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
# Shipped	6	32	59	57	3	10
<b>Total Shipped</b>						<b>167</b>

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.**

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](mailto:stemcell@mail.nih.gov).

**Page citation:** Provider: ES Cell International . In *Stem Cell Information* [World Wide Web site]. Bethesda, MD: National Institutes of Health, U.S. Department of Health and Human Services, 2007 [cited Tuesday, September 11, 2007] Available at <<http://stemcells.nih.gov/research/registry/esi>>



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