Product sheet

PC-12 | 500311

[redacted]

Description	[redacted] PC-12 [redacted] PC12 [redacted] PC12 [redacted] New England Deaconess Hospital [redacted] PC12 [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Metastatic site	[redacted] ([redacted]; [redacted])
Applications	[redacted]; [redacted] NGF; [redacted]; [redacted]
Synonyms	[redacted] 12, [redacted]12

[redacted]

Age	[redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Cell type	[redacted] ([redacted]/ [redacted])
Growth properties	[redacted] [redacted] [redacted] [redacted] [redacted]

[redacted]

Citation	[redacted]-12 ([redacted] Cytion 500311)

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Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_S979
GMO Status	[redacted]; [redacted]

[redacted]

Receptors expressed	[redacted] (NGF)
Tumorigenic	[redacted] [redacted]
Products	[redacted], [redacted]
Karyotype	40 [redacted], 38 [redacted] xY

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 [redacted]/[redacted] NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] FBS 10%
Dissociation Reagent	TrypLE Express ([redacted]); [redacted]
Subculturing	[redacted]: [redacted] [redacted]
Seeding density	1 x 10^4 [redacted]/[redacted] ^
Fluid renewal	2 [redacted] 3 [redacted]
Post-Thaw Recovery	[redacted] 48 [redacted]
Freeze medium	[redacted] [redacted] 50% basal medium + 40% FBS + 10% DMSO [redacted] CM-1 ([redacted]

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Thawing and Culturing Cells	1. [redacted] 2. [redacted] cryovial [redacted] -150 [redacted] 3. [redacted] 37°C [redacted] 4. [redacted] 70% 5. [redacted] 15 [redacted] 6. [redacted] 300 x g [redacted] 3 [redacted] 7. [redacted] 10 [redacted] 8. [redacted]
Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Flask Coating	[redacted]
Freezing Procedure	[redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted]

Sterility	[redacted] PCR [redacted] [redacted]

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[redacted] STR	**Rat_D1Wox31**: 100 **Rat_D2Wox37**: 156 **Rat_D19Wox11**: 228 **Rat_D10Wox8**: 262,266 **Rat_D4Wox7**: [redacted] **Rat_D2Wox27**: 207 **Rat_D5Rat33**: 116,118,120 **Rat_D10Wox11**: 174 **Rat_D1Wox23**: 226,23 **Rat_D12Wox1**: 402,406 **Rat_D6Wox2**: 104 **Rat_D8Wox7**: 182 **Rat_D6Cebr1**: 229,231,233 **SRY**: x,Y