

MEG-01 | 300482

MEG-01

Description	MEG-01 is a human megakaryocyte cell line derived from a 55-year-old male patient with a myelodysplastic syndrome. The cells are characterized by a high degree of ploidy and a high level of chromosomal instability. MEG-01 cells are highly proliferative and can be maintained in suspension culture. MEG-01 cells are highly sensitive to oxidative stress and can be induced to differentiate into megakaryocytes. MEG-01 cells are highly sensitive to oxidative stress and can be induced to differentiate into megakaryocytes.
Organism	Human
Tissue	Blood
Disease	Myelodysplastic syndrome
Synonyms	Meg-01, MEG01, Meg01

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Age	55 years
Gender	Male
Ethnicity	Chinese
Morphology	Large, flat, and adherent
Cell type	Megakaryocyte
Growth properties	Highly proliferative and sensitive to oxidative stress

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Citation	MEG-01 (Cytion 300482)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0425

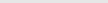
Antigen expression	CD41+, CD61+, CDw14+
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Culture Medium	
RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO ₃ (Sigma), Cytion 820700a	

Dissociation Reagent 

Freeze medium

[illegible]

Incubation Atmosphere	37°C, 5% CO ₂ , 
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Flask Coating

Freezing
Procedure

Shipping
Conditions

Storage
Conditions

Sterility