

SCaBER | 305111

IDENTIFICATION

Description	SCaBER is a human cell line derived from a 58-year-old male patient with a diagnosis of ScaB. The cell line is characterized by its high proliferation rate and its ability to form large, multinucleated cells. It is a valuable tool for studying the pathogenesis of ScaB and for testing potential therapies.
Organism	Human
Tissue	Adipose tissue
Disease	ScaB (Severe Combined Immunodeficiency)
Synonyms	SCABER, Scaber

CHARACTERISTICS

Age	58 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Growth properties	Adherent

CELL CULTURE CONDITIONS

Citation	SCaBER (Cytion 305111)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3599

CONTACT INFORMATION

Product sheet

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Overview

Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO ₃ , w: EBSS (Cytion 820100a)
Supplements	10% FBS 1% NEAA
Dissociation Reagent	
Subculturing	Cells are grown in 25 cm ² flasks in EMEM medium supplemented with 10% FBS and 1% NEAA. When cells reach confluence, they are trypsinized and seeded into new flasks at a split ratio of 1:2 to 1:5. The medium is renewed every 2-3 days.
Split ratio	1:2 to 1:5
Fluid renewal	2-3 times per week
Freeze medium	Cells are frozen in a medium containing 90% FBS and 10% DMSO.
Thawing and Culturing Cells	- Cells are thawed in a water bath at 37°C. - Cells are centrifuged at 300 x g for 3 minutes. - Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA. - Cells are seeded into 25 cm² flasks. - Cells are grown in EMEM medium supplemented with 10% FBS and 1% NEAA. - Cells are trypsinized and seeded into new flasks at a split ratio of 1:2 to 1:5. - Cells are grown in EMEM medium supplemented with 10% FBS and 1% NEAA. - Cells are trypsinized and seeded into new flasks at a split ratio of 1:2 to 1:5.
Incubation Atmosphere	37°C, 5% CO ₂

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Flask Coating

Flask Coating

Freezing
Procedure

Freezing Procedure: The cells are frozen in a freezing medium and stored at -78°C.

Shipping
Conditions

Shipping Conditions: The cells are shipped in a cooling medium and stored at -78°C.

Storage
Conditions

Storage Conditions: The cells are stored in a storage medium at -150 to -196°C.

SCaBER is a cell line derived from human skin cells.

Sterility

Sterility: The cells are tested for sterility using PCR and microscopy. The results show that the cells are free of contamination.