

Modification Form for Permit BIO-RR1-0029

Permit Holder: David Hess

Approved Personnel

(Please stroke out any personnel to be removed)

~~Marian Neelamkavil~~

~~Krysta Levas~~

Additional Personnel

(Please list additional personnel here)

Debra Robson

Gillian Bell

Heather Broughton

David Putman

	Please stroke out any approved Biohazards to be removed below	Write additional Biohazards for approval below. *
Approved Microorganisms		
Approved Cells	Human (primary), rodent (primary NOD/SCID) SCID	Human fibroblast cell line (Hs792C).M
Approved Use of Human Source Material	Umbilical cord blood, bone marrow, umbilical cord blood stem cells	
Approved GMO	pQcXIP=GFP tranfected Phoenix cells supernatant, retrovirus	
Approved use of Animals	NOD/SCID mice SCID	

* PLEASE ATTACH A MATERIAL SAFETY DATA SHEET OR EQUIVALENT FOR NEW BIOHAZARDS.

** PLEASE ATTACH A BRIEF DESCRIPTION OF THE WORK THAT EXPLAINS THE BIOHAZARDS USED AND HOW THEY WILL BE USED.

Classification: 2

Date of last Biohazardous Agents Registry Form: Oct 23, 2006

Signature of Permit Holder: David Hess

BioSafety Officer(s): _____

Chair, Biohazards Subcommittee: _____

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Approved Toxin(s)

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Use: Cell line will be grown in cell culture facility, to be used in invitro differentiation assays as well as transplantation experiments into mice.

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Cell Biology

ATCC® Number:	CRL-7522™	Order this Item	Price:	\$417.00
Designations:	Hs 792(C).M			
<u>Biosafety Level:</u>	1		Shipped:	frozen
Medium & Serum:	<u>See Propagation</u>		Growth Properties:	adherent
Organism:	<i>Homo sapiens</i> (human)		Morphology:	fibroblast

Source: **Tissue:** muscle; connective and soft tissue
Disease: normal
Cell Type: fibroblast

Permits/Forms: In addition to the MTA mentioned above, other ATCC and/or regulatory permits may be required for the transfer of this ATCC material. Anyone purchasing ATCC material is ultimately responsible for obtaining the permits. Please click here for information regarding the specific requirements for shipment to your location.

Related Cell Culture Products

Cytogenetic Analysis: modal number = 46; range = 41 to 46

Age: 29 years

Gender: female

Ethnicity: Caucasian

Comments: Part of the NBL Cell Line Collection. This cell line is neither produced nor fully characterized by ATCC . We do not guarantee that it will maintain a specific morphology, purity, or any other property upon passage.
Please see the NBL Repository description.

Propagation: **ATCC complete growth medium:** The base medium for this cell line is ATCC-formulated Dulbecco's Modified Eagle's Medium, Catalog No. 30-2002. To make the complete growth medium, add the following components to the base medium: fetal bovine serum to a final concentration of 10%.
Atmosphere: air, 95%; carbon dioxide (CO₂), 5%
Temperature: 37.0°C

Protocol:

Subculturing:

1. Remove and discard culture medium.
2. Briefly rinse the cell layer with 0.25% (w/v) Trypsin- 0.53 mM EDTA solution to remove all traces of serum that contains trypsin inhibitor.
3. Add 2.0 to 3.0 ml of Trypsin-EDTA solution to flask and observe cells under an inverted microscope until cell layer is dispersed (usually within 5 to 15 minutes).

Note: To avoid clumping do not agitate the cells by hitting or shaking the

flask while waiting for the cells to detach. Cells that are difficult to detach may be placed at 37°C to facilitate dispersal.

4. Add 6.0 to 8.0 ml of complete growth medium and aspirate cells by gently pipetting.
5. Add appropriate aliquots of the cell suspension to new culture vessels.
6. Incubate cultures at 37°C.

Subcultivation Ratio: A subcultivation ratio of 1:2 to 1:3 is recommended

Medium Renewal: Every 2 to 3 days

Freeze medium: Complete growth medium supplemented with 5% (v/v)

Preservation:

DMSO

Storage temperature: liquid nitrogen vapor phase

derived from same individual:ATCC CRL-7522

recommended serum:ATCC 30-2020

Related Products:

Recommended medium (without the additional supplements or serum described under ATCC Medium):ATCC 30-2002

derived from same individual:ATCC CRL-7520

derived from same individual:ATCC CRL-7521

[Return to Top](#)