

Ku80-/- | 305258

General information

Description	Ku80-/- MEF (Mouse Embryonic Fibroblast) MEF Ku80-/- MEF Ku80-/- NHEJ
Organism	
Tissue	
Disease	(Ku80/XRCC5, SV40-, NHEJ)
Metastatic site	(MEF,)
Applications	DNA NHEJ; Ku80/XRCC5; DNA (DSB);
Synonyms	Ku80-/- MEF

Characteristics

Age	12-13
Gender	
Ethnicity	()
Morphology	
Cell type	
Growth properties	

Additional information

Citation	Ku80-/- (Cytion 305258)
Biosafety level	2

Product sheet

Ku80-/- | 305258

NCBI_TaxID	10090
------------	-------

CellosaurusAccession	CVCL_UJ16
----------------------	-----------

GMO Status	GMO-S1: MEF Ku80 (XRCC5) T
------------	---

Viruses	SV40 (SV40)
---------	--------------------

Mutational profile	Ku80-/-
--------------------	----------------

Culture Medium	DMEM, w: 4.5 , w: 4 , w: 3.7 NaHCO ₃ , w: 1.0
----------------	--

Supplements	FBS 10%
-------------	----------------

Dissociation Reagent	
----------------------	---------

Subculturing	PBS T25
--------------	-----------------------

Freeze medium	(FBS) + 10% DMSO
---------------	-------------------------

Ku 80-/- | 305258

**Thawing and
Culturing Cells**

- 1. Thaw cells rapidly by placing the vial in a water bath at 37°C. Gently mix the cells by pipetting up and down.
- 2. Add the cells to a cryovial and store at -150 °C.
- 3. Thaw cells rapidly by placing the vial in a water bath at 37°C. Gently mix the cells by pipetting up and down.
- 4. Add the cells to a cryovial and store at -150 °C.
- 5. Thaw cells rapidly by placing the vial in a water bath at 37°C. Gently mix the cells by pipetting up and down.
- 6. Add the cells to a cryovial and store at -150 °C.
- 7. Thaw cells rapidly by placing the vial in a water bath at 37°C. Gently mix the cells by pipetting up and down.
- 8. Add the cells to a cryovial and store at -150 °C.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

Flask Coating

Yes

**Freezing
Procedure**

Cells are frozen in a cryovial containing 1 ml of freezing medium.

**Shipping
Conditions**

Cells are shipped on dry ice at -150 °C.

**Storage
Conditions**

Cells are stored at -150 °C for up to 12 months.

Sterility

Cells are tested for sterility by PCR and are found to be free of contamination.