TOV-21G

305892

GENERAL INFORMATION

Description

TOV-21G □□□□

Doubling time	1.5 □□□ ; 27 □□□□□□□□ ; 30.62 □□□□□□□□

IDENTIFIERS

Citation

TOV-21G (□□□□□□□□□□□□□□□□□□ Cytion 305892)

NCBI TaxID	9606
Cellosaurus	CVCL_3613

EXPRESSION AND SUSCEPTIBILITY

Mutational profile

□□□□□□□□□□□□□□: p.Gly13Cys, Heterozygous; □□□□□□□□□□□□□□: p.His1047Tyr, Heterozygous; □□□□□□□□□□□□□□: p.Lys267Argfs*9, Heterozygous

HANDLING AND CULTURE

Culture medium

RPMI 1640, w: 2.0 mM □□□□□□□□□□□□□□□, w: 2.0 □□□□/□□□□ NaHCO3 (□□□□□□□□□□□□□□ Cytion 820700a)

Incubation atmosphere	37°C, 5%CO2, □□□□□□□□□□□□□

Supplements

□□□□□□□□□□□□□□□□□□□□□□□□□□□ FBS 15%

Dissociation reagent	□□□□□□□□
Seeding density	1 □□□ 3 x 10^4 □□□□□/□□□□□□□□□□^{2}

Thawing and culturing

Confirm that the vial remains deeply frozen upon delivery, as cells are shipped on dry ice to maintain optimal temperatures during transit.
Upon receipt, either store the cryovial immediately at temperatures below -150°C to ensure the preservation of cellular integrity, or proceed to step 3 if immediate culturing is required.
For immediate culturing, swiftly thaw the vial by immersing it in a 37°C water bath with clean water and an antimicrobial agent, agitating gently for 40-60 seconds until a small ice clump remains.
Perform all subsequent steps under sterile conditions in a flow hood, disinfecting the cryovial with 70% ethanol before opening.
Carefully open the disinfected vial and transfer the cell suspension into a 15 ml centrifuge tube containing 8 ml of room-temperature culture medium, mixing gently.
Centrifuge the mixture at 200 x g for 5 minutes, carefully discard the supernatant containing freezing medium.
Follow the procedure described under Post-Thaw Recovery

QUALITY CONTROL AND CRYOPRESERVATION

Freeze medium	□□□□□□□□□□□□□□□□□□□□

DONOR

Donor age	62 □□
Ethnicity	□□□□□□□□□

LEGAL AND SAFETY

Safety precautions

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