

DU4475 | 300371

Description	人胚肾细胞 DU4475 细胞系，源自人乳腺癌组织。该细胞系具有永生性，并表现出典型的肿瘤特性。 人胚肾细胞, DU4475 细胞系，源自人乳腺癌组织，具有永生性，并表现出典型的肿瘤特性。
Organism	人
Tissue	乳腺
Disease	乳腺癌
Metastatic site	淋巴结
Applications	研究细胞增殖、凋亡、信号转导、药物筛选、基因表达分析等。
Synonyms	Du4475, DU-4475, Du-4475, DU 4475, Du 4475, 人胚肾细胞 4475

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Age	62 00000
Gender	0000
Ethnicity	0000000
Morphology	00000
Growth properties	0000000 0000000

Citation	DU4475 (XXXXXXXX Cytion 300371)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1183

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Cell line: DU4475

Isoenzymes	AK-1, 1, ES-D, 1, G6PD, B, GLO-I, 2, Me-2, 2, PGM1, 1-2, PGM3, 1
Tumorigenic	Yes, tumorigenic in nude mice
Viruses	EBV-, HBV-, HCV-, HIV-1-, HIV-2-, HTLV-1/2-, MLV-, SMRV-

Karyotype 46,XX,t(8;21)(p11;p11), 12% 46,XX,t(8;21)(p11;p11), 88-934n>xxxx, +1, +1, -5, -6, +9, -10, -10, +15, +15, -16, ?i(5p)x2, add(6)(p11), add(6)(p1?), del(6)(q25), add(9)(q35), del(11)(q24)x2, add(15)(p11)x2, add(17)(p1?)x2, del(21)(q22.2)x2 - 46,XX,t(8;21)(p11;p11), -20, -20, +del(7)(p11) - 46,XX,t(8;21)(p11;p11), 6q

Media

Culture Medium	RPMI 1640, w: 2.0 mM NaHCO_3 (Cytion 820700a)
Supplements	15% FBS
Subculturing	1:5
Freeze medium	10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a water bath at 37°C.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Resuspend cells in 15 ml of medium.
4. Seed cells into a 75 cm² flask.
5. Incubate cells at 37°C in 5% CO₂.
6. Monitor cell growth and passage when cells reach 70-80% confluency.
7. Pass cells into a new flask.
8. Store cells in liquid nitrogen.

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Incubation Atmosphere 37°C, 5% CO_2 , humidified

Flask Coating CellStim

Freezing Procedure Cells are harvested by centrifugation at 300g for 5 minutes. The supernatant is removed and the cell pellet is resuspended in freezing medium. The cells are then frozen in a controlled rate freezer and stored at -78°C.

Shipping Conditions Cells are shipped in dry ice at -78°C.

Storage Conditions Cells are stored at -150 to -196 °C in liquid nitrogen. The storage time is unlimited.

CellStim CellStim CellStim CellStim

Sterility Cells are tested for mycoplasma contamination using PCR. The results are negative. The cells are also tested for endotoxin contamination and the results are negative.