

Product sheet

IHH-4 | 305448

Product information

Description
IHH-4 is a human cell line derived from a patient with a primary tumor (PTC) and is characterized by the presence of the TCF4 gene. The cell line is established from a 75-year-old male patient and is used for research purposes. It is a highly proliferative cell line that can be maintained in culture for extended periods. The cell line is characterized by its ability to form colonies in soft agar and its resistance to anoikis. The cell line is also characterized by its ability to form xenografts in immunodeficient mice. The cell line is used for research on the role of TCF4 in cancer progression and metastasis.

Organism Human

Tissue Adipose tissue

Disease Primary tumor (PTC)

Metastatic site Adipose tissue

Synonyms IHH4

Cell characteristics

Age 75 years

Gender Male

Ethnicity Caucasian

Morphology Adipocytes

Growth properties High proliferation

References and safety

Citation IHH-4 (ATCC CRL-2978) | 305448

Biosafety level 1

NCBI_TaxID 9606

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CellosaurusAccession	CVCL_2960
GMO Status	GMO-S1: XXXXXX XXX XXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX (IHH-4) XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX

XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

Mutational profile	XXXXXXXX: AKT1, p.Glu17Lys (c.49G>A) XXXXXXX XXXXXXXXXXX XXXXXXX: AKT1, p.Glu17Lys (c.49G>A) XXXXXXX XXXXXXXXXXX XXXXXXX: BRAF: p.Trp592Ter (c.1776G>A) XXXXXXX XXXXXXXXXXX XXXXXXX: XXXXX: CRLF2, p.Trp255Ter (c.765G>A) XXXXXXX XXXXXXXXXXX XXXXXXX: XXXXXXX: E p.Asp1312Ter (c.3934C>T) XXXXXXX XXXXXXXXXXX XXXXXXX: RAC1, p.Asp11Glu (c.33C>G) XXXXXXX XXXXXXXXXXX XXXXXXX: RAC1, p.Asp11Glu (c.33C> (c.228C>T) (C228T) XXXXXXX XXXXXXXXXXX
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Culture Medium	1 XXXX 1 XXXXX XXX XXXX XXXXXXXXXXX XXXXX XXXXXXX (XXXX XXXXXXX 820300a) XXXXX RPMI1640 (XXXX XXXXXXX 820700a)
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Supplements	XXXXXXXX 10% XXX FBS XXXXXXX XXXXXXXXXXX XXX XXXXXXX
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Dissociation Reagent	XXXXXXXX
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Subculturing	XX XXXXXXX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXXXXXX XXXXXXX XXXXXXXXXXX PBS XXXXX XXXXXXX XXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXX XXXXXXX
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Freeze medium	XXXXXXXX XXXXXXX XXXXXXXXXXX XXXXXXX XXX XXX XXXXXXX (XXXX XX XXX FBS) + 10% DMSO XX XXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX
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**Thawing and
Culturing Cells**

1. XXXXX XX XXXXX XXXXXXXXXXXX XXXXXX XXXX XXX XXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXX XXX XXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
2. XXX XXXXXXXXXXXX XXX XXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXX XX XXXXX XXXXXXXXXXXX XXX -150 XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX
3. XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX XX XXXXXX XXXXXXXXXXXX XXX XXXXXX XXXXXXXXXXXX XXXXXXXXXXXX 37 XXXXXX XXXXXXXXXXXX XXXXXX XXXXXXXXXXXX
4. XXXXXXX XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXX XXXXXXXXXXXX XXX XXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX 70% XX XXXXXXXXXXXX XXXXXXXXXXXX
5. XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX XXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXX 15 XX XXXXXXXXXXXX XXX 8 XX XX XXX XXXXXXXXXXXX XXXXXXXXXXXX
6. XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX 300 × XX XXXXXX 3 XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
7. XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXX XX 10 XX XX XXX XXXXXXXXXXXX XXXXXX. XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX
8. XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

Incubation Atmosphere 37 XXXXX XXXXXXXXXXXX XXX XXX XXXXXX
XXXXX

Flask Coating XX XXXX

Shipping Conditions XXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXX XXX XX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX -78

Storage Conditions XXXXXXX XXXXX XXXXXXXXXXXX XX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX -150 XX -196 XXXXXXX XXXXXXXXXXXX

XXXXXXXX XXXXXXXXXXXX / XXXXXXXXXXXX XXXXXXXXXXXX / HLA

Sterility XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX (PCR) XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
XXXXXXXXX XXX XXXXXX XXXXXXXXXXXX XXX XXXXXX XX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX