

# Tnao38 subclone cell line

**Catalogue number:** 160776

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

**Institute:** Boyce Thompson Institute

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Tnao38 subclone cell line

**Alternate name:** BTI-Tnao38

**Class:**

**Conjugate:**

**Description:** The insect cell based baculovirus expression system is a well established and widely used system for the production of recombinant proteins A Trichoplusia ni derived insect cell line shown to be highly productive, in both quality and quantity, in the expression of recombinant proteins via the baculovirus expression system. Tnao38 cells have been shown to exceed protein expression of both Sf9 and High Five cell lines (Hashimoto et al., 2010). Absence of alphanodavirus based on RT-PCR (Hashimoto et al., 2010) Link to original HighFive clone confirmed by SNP

**Purpose:**

**Parental cell:** High Five (T. ni)

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:** Flat fibroblast-like appearance at lower densities and more spherical appearance at higher cell densities and in suspension.

**Production details:**

Thawing Procedure: Remove cells from liquid nitrogen and thaw quickly in a 37°C water bath. Centrifuge gently (10°C, 800 rpm, 5 min) to pellet cells. Resuspend cell pellet in pre-warmed (27°C) medium and transfer to T25 flask. Grow at 27°C.

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:**

**Target alternate names:**

**Target background:**

**Molecular weight:**

**IC<sub>50</sub>:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Frozen

**Concentration:**

**Passage number:**

**Growth medium:** TNMFH+10S 1 in T25, T75, or T150 flasks at 27°C

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Dry ice

## Related tools

**Related tools:**

# References

References:

CancerTools.org