

## InstiTHAW™ HEK Supplement

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**Product Code:** RS-3305

### Description

InstiTHAW™ HEK is a chemically defined, animal component free, cell supplement designed to minimise stress during the cryopreservation procedure and enhance growth of suspension HEK cells following revival. InstiTHAW HEK supplement is supplied as a 20x concentrated solution which should be diluted to a final concentration of 2x for use in cryopreservation, and 1x to support cells following revival.

### Intended Use

FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN, ANIMAL, DIAGNOSTIC, OR THERAPEUTIC USES.

### Storage Conditions:

Store at 2-8°C. Do not freeze.

### Shelf-Life Information

InstiTHAW HEK is stable for 18 months from the date of manufacture (see Certificate of Analysis on our website - <https://www.aicompanies.com/support/certificates-of-analysis/>).

### Directions for Use

#### Cryopreservation:

InstiTHAW HEK can be added to cryoprotective solutions to minimise stress during the cryopreservation procedure.

1. Gently invert the vial of InstiTHAW HEK several times (do not shake) prior to use.
2. Add InstiTHAW HEK to the cryoprotective solution to give a final concentration of 2x. Example: Add 5ml InstiTHAW HEK to 5mL DMSO and 40ml cell culture medium.
3. Resuspend cells to the desired concentration in the cryoprotective solution.
4. Aliquot the cell suspension into cryovials and freeze in accordance to defined standard operating procedures.

#### Revival:

InstiTHAW HEK can be added to revival medium to improve cell recovery.

1. Gently invert the vial several times (do not shake) prior to use.
2. Prepare base cell culture media in accordance with in-house practices.
3. Add InstiTHAW HEK to the revival medium to a final concentration of 1x and warm the cell culture medium to 37°C. Example: 5mL InstiTHAW HEK to 95mL cell culture medium.