

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CIITA (T740) Peptide

Cat No.: BS2471P

#### Background

The transactivator CIITA regulates basal and interferon-induced expression of MHC class II genes. CIITA restores expression of all MHC II gene expression in mutant cells and corrects regulatory defects of those genes. Activation is via the proximal promoter. No DNA binding of in vitro translated CIITA was detected. CIITA may act in a coactivator-like fashion through protein-protein interactions by contacting factors binding to the proximal MHC class II promoter, to elements of the transcription machinery, or both. Alternatively it may activate HLA class II transcription by modifying proteins that bind to the MHC class II promoter.

#### Swiss-Prot

P33076

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2471 CIITA (T740) pAb.

#### Purification & Purity

Synthetic peptide CIITA (T740). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.

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