

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### HM74 (T327) Peptide

Cat No.: BS2605P

#### Background

This is a receptor for nicotinic acid. Acts as a low affinity receptor for nicotinic acid and mediate its anti-lipolytic effect through a G(i)-protein-mediated inhibition of adenylyl cyclase. This pharmacological effect requires nicotinic acid doses that are much higher than those provided by a normal diet. Expression in humans is largely restricted to adipose tissue and spleen but there are some reports of it being expressed in lymphocytes and monocytes. In mouse is expressed in lungs, spleen, heart, skeletal muscle and adipose tissue. In rat it is expressed in adipose tissue, lung and spleen. ESTs have been isolated from adipose, blood, liver, liver/spleen, placenta, prostate, and testis libraries.

#### Swiss-Prot

P49019/Q8TDS4

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2605 HM74 (T327) pAb.

#### Purification & Purity

Synthetic peptide HM74 (T327). (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.