

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



MC2-R (K289) Peptide

Cat No.: BS2783P

Background

The melanocortin family comprises the alpha-, beta- and gamma-melanocyte stimulating hormones (MSH) and adrenocorticotrophin. The receptors for these hormones are seven-transmembrane G protein-coupled proteins that activate adenylyl cyclase. Five melanocortin receptors have been cloned and shown to exhibit different affinities and patterns of expression. MC1-R (MSH-R) is expressed in melanocytes and corticoadrenal tissue. MC2-R is the ACTH receptor and is expressed primarily in the adrenal cortex. MC3-R has been found in specific regions of the brain and is also expressed in placenta and gut. MC4-R is expressed primarily in brain, while MC5-R is expressed at low levels in most tissues examined.

Swiss-Prot

Q01718

Applications

Blocking

Specificity

This peptide can be used with studies using BS2783 MC2-R (K289) pAb.

Purification & Purity

Synthetic peptide MC2-R (K289). (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.