

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### TGFβ RI (E161) Peptide

Cat No.: BS3257P

#### Background

Three members of the TGF beta family, TGF beta 1, TGF beta 2 and TGF beta 3, are known in mammals. TGF betas mediate their activity by high affinity binding to the type 2 receptor, which requires both its kinase activity and association with members of a series of related type 1 receptors called activin receptor like kinase (ALK) 1 to 6. Of these, only ALK5 has been shown to represent a functional TGF beta type 1 receptor, but only ALK2 and ALK4 bind activin with high affinity. TGF beta R3 binds TGF beta and retains TGF beta for presentation to the signaling receptors.

#### Swiss-Prot

P36897

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3257 TGFβ RI (E161) pAb.

#### Purification & Purity

Synthetic peptide TGFβ RI (E161). (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.