

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TGFβ2 (L388) Peptide

Cat No.: BS1362P

Background

Transforming growth factor betas (TGFβs) were originally discovered due to their ability to promote anchorage-independent growth of rat NRK fibroblasts in the presence of TGFα. It is now realized that TGFβs mediate many cell-cell interactions that occur during embryonic development. Three TGFβs have been identified in mammals. TGFβ1, TGFβ2 and TGFβ3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecules. Biologically active TGFβ requires dimerization of the monomers (usually homodimers) and release of the latent peptide portion. Overall, the mature region of the TGFβ3 protein has approximately 80% identity to the mature region of both TGFβ1 and TGFβ2. However, the NH2 terminals or precursor regions of their molecules share only 27% sequence identity.

Swiss-Prot

P61812

Applications

Blocking

Specificity

This peptide can be used with studies using BS1362 TGFβ2 (L388) pAb.

Purification & Purity

Synthetic peptide TGFβ2 (L388). (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.