

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GFR α -4 (P178) Peptide

Cat No.: BS3304P

Background

Glial cell line-derived neurotrophic factor (GDNF) and the related neurotrophic factor neurturin (NTN) are potent survival factors for central and peripheral neurons. Receptors for these factors include GFR α -1 (previously designated GDNFR- α), GFR α -2 (also designated RETL2), GFR α -3 and GFR α -4 (also known as persephin receptor). The receptors do not contain transmembrane domains and are attached to the cell membrane by glycosylphosphoinositol linkage. Binding of GDNF or NTN to one of these receptors leads to the activation of the tyrosine kinase Ret. GFR α -4 mediates the activation and GDNF-induced autophosphorylation of the RET receptor. It is mainly expressed in the adult thyroid gland, but lower levels may also be detected in fetal adrenal and thyroid glands.

Swiss-Prot

Q9GZZ7

Applications

Blocking

Specificity

This peptide can be used with studies using BS3304 GFR α -4 (P178) pAb.

Purification & Purity

Synthetic peptide GFR α -4 (P178). (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.