

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



SEMA3F (P783) Peptide

Cat No.: BS2848P

Background

Semaphorins are a family of cell surface and secreted proteins that are conserved from insects to humans. Members of this family of proteins are approximately 750 amino acids in length (including signal sequences) and are defined by a conserved extracellular "semaphorin" domain of approximately 500 amino acids containing 14-16 cysteines, blocks of conserved sequences and no obvious repeats. Secreted and cell-bound semaphorins chemically attract and repel the growth of neural axons, guiding the development of intricate networks of neural tissue. SEMA3F, also known as semaphorin IV, is a secreted protein belonging to the semaphorin family. SEMA3F is believed to play a role in cell motility and cell adhesion. Expressed abundantly in many tissues, SEMA3F is present at high levels in kidney, fetal brain, lung and mammary gland.

Swiss-Prot

Q13275

Applications

Blocking

Specificity

This peptide can be used with studies using BS2848 SEMA3F (P783) pAb.

Purification & Purity

Synthetic peptide SEMA3F (P783). (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.

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