

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



FucT-IV (E71) Peptide

Cat No.: BS3444P

Background

FucT-IV (α 1,3-fucosyltransferase IV), also known as FUT4, FCT3A or ELFT, is a 405 amino acid single-pass type II membrane protein that localizes to Golgi stacks. During embryogenesis, FucT-IV is highly expressed in skin, liver, kidney, muscle and small intestine where it functions to catalyze the glycosidic attachment of α -fucose to various molecules, such as N-acetyllactosamines. Via its catalytic activity, FucT-IV participates in the synthesis of carbohydrate molecules like the cell-adhesion antigen CD15 (also known as Lewis X), thereby playing a roll in cell cycle events such as apoptosis and cellcell binding. Overexpression of FucT-IV is implicated in epithelial cancers, suggesting a possible role for FucT-IV in carcinogenesis.

Swiss-Prot

P22083

Applications

Blocking

Specificity

This peptide can be used with studies using BS3444 FucT-IV (E71) pAb.

Purification & Purity

Synthetic peptide FucT-IV (E71). (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.