

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



FX Protein (E254) Peptide

Cat No.: BS3867P

Background

GDP-L-fucose synthetase (FX protein), also designated Tissue-specific transplantation antigen P35B or GDP-keto-6-deoxymannose 3,5-epimerase, 4-reductase, belongs to the fucose synthetase family. FX is a red cell NADP(H)-binding protein that is important in leukocyte adhesion and trafficking processes. The FX protein, together with GDP-mannose 4,6-dehydratase, can convert GDP-mannose to GDP-L-fucose by catalyzing the two-step epimerase and reductase reactions. GDP-L-fucose is the substrate of several fucosyltransferases that function in the expression of many glycoconjugates such as blood group ABH antigens and developmental adhesion antigens. Defects in the gene encoding for the FX protein cause leukocyte adhesion deficiency (LAD).

Swiss-Prot

Q13630

Applications

Blocking

Specificity

This peptide can be used with studies using BS3867 FX Protein (E254) pAb.

Purification & Purity

Synthetic peptide FX Protein (E254). (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.