

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TMPRSS3 (F440) Peptide

Cat No.: BS2289P

Background

The TMPRSS3 (also known as ECHOS1) gene, which encodes a transmembrane serine protease, has been found to be responsible for two non-syndromic recessive deafness loci located on human chromosome 21q22.3, DFNB8 and DFNB10. TMPRSS3, a 437 amino acid membrane bound serine protease and a member of the S1 peptidase family. TMPRSS3 contains an amino-terminal signalanchor sequence and a glycosylated extracellular region containing the serine protease domain. Two novel missense mutations of TMPRSS3, W251C and P404L, alter the highly conserved amino acids of the serine protease domain. TMPRSS3 is expressed in many tissues, including fetal cochlea, a subset of pancreatic cancer and various other cancer tissues. TMPRSS3 is also overexpressed in cancer, suggesting that it may be important for processes in metastasis formation and tumor invasion.

Swiss-Prot

P57727

Applications

Blocking

Specificity

This peptide can be used with studies using BS2289 TMPRSS3 (F440) pAb.

Purification & Purity

Synthetic peptide TMPRSS3 (F440). (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.