

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



SRD5A1 Peptide

Cat No.: BS60411P

Background

In cultured human skin cells, 5 α -Reductase 1 shows heterogeneity of protein, and has different levels of transcriptional and translational expression. 5 α -Reductase 1 is expressed in all portions of the hair follicle, whereas 5 α -Reductase 2 is expressed only in mesenchymal portions. In addition, 5 α -Reductase 1 is mainly expressed in human breast carcinoma and may play a role in the in situ production and actions of the potent androgen 5 α -dihydrotestosterone, including inhibition of cancer cell proliferation in hormone-dependent human breast carcinoma. The 5 α -Reductase-3 α -hydroxysteroid dehydrogenase complex is present in the human brain, suggesting that the complex may be involved in the synthesis of neuroactive steroids or the catabolism of neurotoxic steroids.

Swiss-Prot

P18405

Applications

Blocking

Specificity

This peptide can be used with studies using BS60411 SRD5A1 pAb.

Purification & Purity

Synthetic peptide SRD5A1. (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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