

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



DRS-1 (E105) Peptide

Cat No.: BS3896P

Background

PECI (peroxisomal D3,D2-enoyl-CoA isomerase), also known as DRS1, ACBD2 or HCA88, is a 359 amino acid protein that localizes to the peroxisomal matrix and contains one ACB (acyl-CoA-binding) domain. Expressed abundantly in liver, heart and skeletal muscle, PECE functions to catalyze the isomerization of both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species, playing an important role in the beta-oxidation of unsaturated fatty acids. The gene encoding PECE maps to human chromosome 6, which contains 170 million base pairs and comprises nearly 6% of the human genome.

Swiss-Prot

O75521

Applications

Blocking

Specificity

This peptide can be used with studies using BS3896 DRS-1 (E105) pAb.

Purification & Purity

Synthetic peptide DRS-1 (E105). (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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