

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CYB5R3 (I169) Peptide

Cat No.: BS3337P

Background

CYB5R3 (NADH-cytochrome b5, reductase 3, diaphorase 1) is a 301 amino acid protein encoded by the human gene CYB5R3. CYB5R3 belongs to the flavoprotein pyridine nucleotide cytochrome reductase family and has two naturally occurring isoforms. Isoform 1 is anchored to the cytoplasmic side of the endoplasmic reticulum membrane and mitochondrion outer membrane, while isoform 2 is the soluble form found in erythrocytes. CYB5R3 is involved in the desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism and, in erythrocytes, methemoglobin reduction.

Swiss-Prot

P00387

Applications

Blocking

Specificity

This peptide can be used with studies using BS3337 CYB5R3 (I169) pAb.

Purification & Purity

Synthetic peptide CYB5R3 (I169). (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.