

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ZADH1 Peptide

Cat No.: BS5987P

Background

ZADH1 (zinc binding alcohol dehydrogenase, domain containing 1), also known as PTGR2 (prostaglandin reductase 2), PGR2 or 15-oxoprostaglandin 13-reductase, is a 351 amino acid cytoplasmic protein that belongs to the NADP-dependent oxidoreductase L4BD family. Functioning as a 15-oxoprostaglandin 13-reductase, ZADH1 catalyzes the conversion of 15-keto-prostaglandin E2 to 15-keto-13,14-dihydro-prostaglandin E2 in a NADPH-dependent manner. ZADH1 overexpression has been found to repress PPAR γ transcriptional activity and adipocyte differentiation. Widely expressed, ZADH1 is found at highest levels in heart, kidney, liver, pancreas and prostate, with moderate levels found in brain, small intestine, lung, testis and skeletal muscle. ZADH1 exists as a monomer, utilizes NADPH as a co-factor, and undergoes alternative splicing to produce two isoforms that are encoded by a gene located on human chromosome 14q24.3.

Swiss-Prot

Q8N8N7

Applications

Blocking

Specificity

This peptide can be used with studies using BS5987 ZADH1 pAb.

Purification & Purity

Synthetic peptide ZADH1. (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.