

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CGREF1 Peptide

Cat No.: BS5660P

Background

CGREF1 (cell growth regulator with EF-hand domain 1), also known as CGR11, is a 301 amino acid secreted protein that contains two highly conserved calcium binding EF-hand domains, which are required for mediating cell-cell adhesion. Induced by p53, CGREF1 is able to inhibit cell growth in various cell lines. CGREF1 is encoded by a gene located on human chromosome 2, which houses over 1,400 genes and comprises nearly 8% of the human genome. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene, while the lipid metabolic disorder sitosterolemia is associated with defects in the ABCG5 and ABCG8 genes. Additionally, an extremely rare recessive genetic disorder, Alström syndrome, is caused by mutations in the ALMS1 gene, which maps to chromosome 2.

Swiss-Prot

Q99674

Applications

Blocking

Specificity

This peptide can be used with studies using BS5660 CGREF1 pAb.

Purification & Purity

Synthetic peptide CGREF1. (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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