

Recombinant Human CGREF1

Catalog No: #GP12764



Package Size: #GP12764-1 100ug

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Description

Product Name	Recombinant Human CGREF1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 124-301 amino acids of human CGREF1
Target Name	cell growth regulator with EF-hand domain 1
Other Names	CGR11
Accession No.	Swissprot:Q99674Gene Accession:BC034764
Uniprot	Q99674
GeneID	10669;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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