Recombinant Human CHCHD5

Catalog No: #GP12767

Package Size: #GP12767-1 100ug

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Description

Product Name	Recombinant Human CHCHD5
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	coiled-coil-helix-coiled-coil-helix domain containing 5
Other Names	MIC14; C2orf9
Accession No.	Swissprot:Q9BSY4Gene Accession:BC004498
Uniprot	Q9BSY4
GeneID	84269;
Storage	-20~-80°C, pH 7.6 PBS

Background

CHCHD5 (Coiled-coil-helix-coiled-coil-helix domain-containing protein 5) is a 110 amino acid protein that contains one CHCH domain. The gene encoding CHCHD5 maps to human chromosome 2, which consists of 237 million bases encoding over 1,400 genes and making up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr?m syndrome is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes.

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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