

CHCHD5 抗原（重组蛋白）

中文名称： CHCHD5 抗原（重组蛋白）

英文名称： CHCHD5 Antigen (Recombinant Protein)

别名： MIC14; C2orf9

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

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| Full name: | coiled-coil-helix-coiled-coil-helix domain containing 5 |
| Synonyms: | MIC14; C2orf9 |
| Swissprot: | Q9BSY4 |
| Gene Accession: | BC004498 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| 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 ichthyosis, 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, Alström 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.