Recombinant Human KRCC1

Catalog No: #GP13575

Package Size: #GP13575-1 100ug

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human KRCC1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-259 amino acids of human KRCC1
Target Name	lysine rich coiled-coil 1
Other Names	CHBP2
Accession No.	Swissprot:Q9NPI7Gene Accession:BC015927
Uniprot	Q9NPI7
GeneID	51315;
Storage	-20~-80°C, pH 7.6 PBS

Background

KRCC1 (lysine-rich coiled-coil 1), also known as CHBP2 (cryptogenic hepatitis-binding protein 2), is a 259 amino acid protein that is encoded by a gene located on human chromosome 2p11.2. Consisting of 237 million bases, chromosome 2 is the second largest human chromosome and encodes over 1,400 genes. 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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