Product Datasheet

Recombinant Human C1orf106

Catalog No: #GP12669

Package Size: #GP12669-1 100ug

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

Description

Product Name	Recombinant Human C1orf106
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 464-663 amino acids of human C1orf106
Target Name	chromosome 1 open reading frame 106
Accession No.	Swissprot:Q3KP66Gene Accession:BC106877
Uniprot	Q3KP66
GeneID	55765;
Storage	-20~-80°C, pH 7.6 PBS

Background

Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma. The C1orf106 gene product has been provisionally designated C1orf106 pending further characterization.

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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