

CLDND1 抗原（重组蛋白）

中文名称：CLDND1 抗原（重组蛋白）

英文名称：CLDND1 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 26-140 amino acids of human CLDND1

技术规格

Full name:	claudin domain containing 1
Synonyms:	C3orf4; GENX-3745
Swissprot:	Q9NY35
Gene Accession:	BC001757
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	CLDND1 (claudin domain containing 1), also known as C3orf4 or HSPC174, is a 253 amino acid multi-pass membrane protein that is expressed at high levels in adult brain and at lower levels in a dult heart. Existing as two alternatively spliced isoforms, CLDND1 is encoded by a gene that maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis

imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.