

C9orf116 抗原（重组蛋白）

中文名称： C9orf116 抗原（重组蛋白）

英文名称： C9orf116 Antigen (Recombinant Protein)

别名： chromosome 9 open reading frame 116; PIERCE1; RbEST47

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-92 amino acids of human C9orf116

技术规格

Full name:	chromosome 9 open reading frame 116
Synonyms:	PIERCE1; RbEST47
Swissprot:	Q5BN46
Gene Accession:	BC021261
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	C9orf116, also known as PIERCE1. PIERCE1 is an important p53 target gene contributing to normal DNA damage response and may play crucial roles in maintaining genomic integrity against genotoxic stresses, including UVC irradiation. PIERCE1 exists as two alternatively spliced isoforms and is predominantly expressed in human small cell lung cancer. PIERCE1 knockdown induces down-regulation of proapoptotic genes including Ei24, Apaf

1 and PTEN, suggesting that PIERCE1 is a proapoptotic gene. It is helpful for in-depth understanding of p53 pathways and the design of new cancer therapies.