

## 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

<b>Full name:</b>	chromosome 9 open reading frame 116
<b>Synonyms:</b>	PIERCE1; RbEST47
<b>Swissprot:</b>	Q5BN46
<b>Gene Accession:</b>	BC021261
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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, Apaf1 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.