

## POT1 抗原（重组蛋白）

中文名称： POT1 抗原（重组蛋白）

英文名称： POT1 Antigen (Recombinant Protein)

别名： protection of telomeres 1; CMM10; HPOT1

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 385-634 amino acids of human POT1

### 技术规格

<b>Full name:</b>	protection of telomeres 1
<b>Synonyms:</b>	CMM10; HPOT1
<b>Swissprot:</b>	Q9NUX5
<b>Gene Accession:</b>	BC002923
<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>	This gene is a member of the telombin family and encodes a nuclear protein involved in telomere maintenance. Specifically, this protein functions as a member of a multi-protein complex that binds to the TTAGGG repeats of telomeres, regulating telomere length and protecting chromosome ends from illegitimate recombination, catastrophic chromosome instability, and abnormal chromosome segregation. Increased transcriptional expression of this gene is associated with stom

ach carcinogenesis and its progression. Alternatively spliced transcript variants have been described.