

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

Full name:	protection of telomeres 1
Synonyms:	CMM10; HPOT1
Swissprot:	Q9NUX5
Gene Accession:	BC002923
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 stomach carcinogenesis and its progression. Alternatively spliced transcript variants have been described.