

RPA2 抗原（重组蛋白）

中文名称：RPA2 抗原（重组蛋白）

英文名称： RPA2 Antigen (Recombinant Protein)

别名： REPA2; RPA32; RP-A p32; RP-A p34

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	replication protein A2, 32kDa
Synonyms:	REPA2; RPA32; RP-A p32; RP-A p34
Swissprot:	P15927
Gene Accession:	BC001630
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Replication protein A 32 kDa subunit is a protein that in humans is encoded by the RPA2 gene. As part of the heterotrimeric replication protein A complex (RPA/RP-A), binds and stabilizes single-stranded DNA intermediates, that form during DNA replication or upon DNA stress. It prevents their reannealing and in parallel, recruits and activates different proteins and complexes involved in DNA metabolism. Thereby, it plays an essential role both in DNA replication and the cellular response to DNA damage.