

## IRAK1BP1 抗原（重组蛋白）

中文名称：IRAK1BP1 抗原（重组蛋白）

英文名称：IRAK1BP1 Antigen (Recombinant Protein)

别名：AIP70; SIMPL

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

<b>Full name:</b>	interleukin-1 receptor-associated kinase 1 binding protein 1
<b>Synonyms:</b>	AIP70; SIMPL
<b>Swissprot:</b>	Q5VVH5
<b>Gene Accession:</b>	BC112253
<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>	SIMPL, also known as IRAK1BP1 (interleukin-1 receptor-associated kinase 1-binding protein 1), is a 260 amino acid protein belonging to the IRAK1BP1 family. In addition to containing an intrinsically disordered region which associates with HSPA1 and HSPA8, SIMPL also interacts directly with IRAK1 and promotes RELA transcriptional activity. SIMPL is a major component of the IRAK1-dependent TNFRSF1A signaling pathway in which TNF-alpha induces NF-kappa-B gene transcri

ption, leading to an inhibition of proinflammatory cytokines. Inactivation of SIMPL inhibits tumor necrosis factor receptor type I-induced NF-kappaB activity. Localizing to the nucleus and cytoplasm, SIMPL requires the phosphorylation of Ser-56 and/or Ser-62 to be fully active.