

SHC1 抗原（重组蛋白）

中文名称：SHC1 抗原（重组蛋白）

英文名称：SHC1 Antigen (Recombinant Protein)

别名：SHC adaptor protein 1; SHC; SHCA

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 384-583 amino acids of human SHC1

技术规格

Full name:	SHC adaptor protein 1
Synonyms:	SHC; SHCA
Swissprot:	P29353
Gene Accession:	BC014158
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 encodes three main isoforms that differ in activities and subcellular location. While all three are adapter proteins in signal transduction pathways, the longest (p66Shc) may be involved in regulating life span and the effects of reactive oxygen species. The other two isoforms, p52Shc and p46Shc, link activated receptor tyrosine kinases to the Ras pathway by recruitment of the GRB2/SOS complex. p66Shc is not involved in Ras activation.

tion. Unlike the other two isoforms, p46Shc is targeted to the mitochondrial matrix. Several transcript variants encoding different isoforms have been found for this gene.