

SLFN5 抗原（重组蛋白）

中文名称： SLFN5 抗原（重组蛋白）

英文名称： SLFN5 Antigen (Recombinant Protein)

别 名： schlafen family member 5

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 139-338 amino acids of human SLFN5

技术规格

Full name:	schlafen family member 5
Swissprot:	Q08AF3
Gene Accession:	BC021238
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Slfn5 (schlafen family member 5) is an 891 amino acid protein that exists as multiple alternatively spliced isoforms and is thought to play a role in hematopoietic cell differentiation. The gene encoding Slfn5 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers

of the ovary, colon, prostate gland and fallopian tubes.