

BCAS2 抗原（重组蛋白）

中文名称：BCAS2 抗原（重组蛋白）

英文名称：BCAS2 Antigen (Recombinant Protein)

别名：DAM1; SPF27; Snt309

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	breast carcinoma amplified sequence 2
Synonyms:	DAM1; SPF27; Snt309
Swissprot:	O75934
Gene Accession:	BC005285
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	BCAS2 (breast carcinoma amplified sequence 2), also designated DAM1 (DNA amplified in mammary carcinoma 1 protein) or spliceosome-associated SPF 27, is a ubiquitously expressed nuclear protein that was originally identified as being overexpressed in various breast cancer cell lines. BCAS2 is now known to be a component of the spliceosome, participating in the removal of introns from mRNA precursors. BCAS2 specifically interacts (in a ligand-independent manner) with

TR β (thyroid hormone receptor beta), ER α (estrogen receptor alpha), ER β , PR (progesterone receptor), and PPAR γ (Peroxisome proliferator-activated receptor gamma). BCAS2 functions as an ER coactivator and is capable of enhancing ER-mediated transcription. This suggests that BCAS2 is involved in the development of breast cancer.