

SPRY2 抗原（重组蛋白）

中文名称： SPRY2 抗原（重组蛋白）

英文名称： SPRY2 Antigen (Recombinant Protein)

别名： sprouty RTK signaling antagonist 2; IGAN3; hSPRY2

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-315 amino acids of human SPRY2

技术规格

Full name:	sprouty RTK signaling antagonist 2
Synonyms:	IGAN3; hSPRY2
Swissprot:	O43597
Gene Accession:	BC015745
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 a protein belonging to the sprouty family. The encoded protein contains a carboxyl-terminal cysteine-rich domain essential for the inhibitory activity on receptor tyrosine kinase signaling proteins and is required for growth factor stimulated translocation of the protein to membrane ruffles. In primary dermal endothelial cells this gene is transiently upregulated in response to fibroblast growth factor two. This protein is indirectly involved in the non-cell autonomous inhibitory effect on fibroblast growth factor two signaling. The protein interacts with Cas-Br-M (murine) ectropic retroviral transforming sequence, and can function as a bimodal regulator of epidermal

growth factor receptor/mitogen-activated protein kinase signaling. This protein may play a role in alveoli branching during lung development as shown by a similar mouse protein.