

AXIN2 抗原（重组蛋白）

中文名称：AXIN2 抗原（重组蛋白）

英文名称：AXIN2 Antigen (Recombinant Protein)

别名：AXIL; ODCRCS

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to N terminal 160 amino acids of human AXIN2

技术规格：

Full name:	axin 2
Synonyms:	AXIL; ODCRCS
Swissprot:	Q9Y2T1
Gene Accession:	NP_004646
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The Axin-related protein, Axin2, presumably plays an important role in the regulation of the stability of beta-catenin in the Wnt signaling pathway, like its rodent homologs, mouse conductin/rat axil. In mouse, conductin organizes a multiprotein complex of APC (adenomatous polyposis of the colon), beta-catenin, glycogen synthase kinase 3-beta, and conductin, which leads to the degradation of beta-catenin. Apparently, the deregulation of beta-catenin is an im

portant event in the genesis of a number of malignancies. The AXIN2 gene has been mapped to 17q23-q24, a region that shows frequent loss of heterozygosity in breast cancer, neuroblastoma, and other tumors. Mutations in this gene have been associated with colorectal cancer with defective mismatch repair.