

Recombinant Human AXIN1 Protein

Cat. No. AXIN1-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AXIN1 Protein was expressed in sf9 cell.
Species	Human
Source	Sf9 Cells
Description	<p>This gene encodes a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain. The encoded protein interacts with adenomatosis polyposis coli, catenin beta-1, glycogen synthase kinase 3 beta, protein phosphate 2, and itself. This protein functions as a negative regulator of the wingless-type MMTV integration site family, member 1 (WNT) signaling pathway and can induce apoptosis. The crystal structure of a portion of this protein, alone and in a complex with other proteins, has been resolved. Mutations in this gene have been associated with hepatocellular carcinoma, hepatoblastomas, ovarian endometriod adenocarcinomas, and medullablastomas. Alternative splicing results in multiple transcript variants.</p>
Form	Liquid
Molecular Mass	~135 kDa
Purity	≥75%
Usage	Research Use Only

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Storage	Short Term Storage: -80°C. Long Term Storage: -80°C
Concentration	0.05 g/μ
Storage Buffer	Liquid. In 50mM TRIS-HCl, pH 7.5, containing 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Shipping	Shipped with ice pack.

GENE INFORMATION

Gene Name	AXIN1 axin 1 [Homo sapiens (human)]
Official Symbol	AXIN1
Synonyms	AXIN; PPP1R49
Gene ID	8312
mRNA Refseq	NM_003502.4
Protein Refseq	NP_003493.1
MIM	603816
UniProt ID	O15169

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