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	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.
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 gluthathione, 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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