

Recombinant Human AXIN1 Protein, GST-Tagged

Cat. No. AXIN1-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AXIN1 Protein, GST-Tagged 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.
Molecular Mass	~135 kDa
Purity	≥75%
Usage	Research Use Only
Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable

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performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.05 g/μ

Storage Buffer Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 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

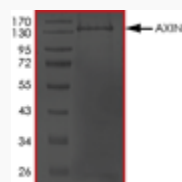
Gene ID 8312

mRNA Refseq NM_003502.4

Protein Refseq NP_003493.1

MIM 603816

UniProt ID O15169



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Sample Purity Data. For specific information on a given lot, see related technical data sheet.

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