

Recombinant Human AXIN1 protein, His-tagged

Cat. No. AXIN1-10084H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AXIN1 protein(1-351 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-351 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MNIQEQQGFPLDLGASFTEDAPRPPVPGEEGELVSTDPRPASYSFCSGKGVGIGKET STATPRRSDLDLGYEPEGSASPTPPYLKWAESLHSLDDQDGISLFRFTFLKQEGCAD LLDFWFACTGFRKLEPCDSNEEKRLKLARAIYRKYILDNNGIVSRQTKPATKSFIKGCI MKQLIDPAMFDQAQTEIQATMEENTYPSFLKSDIYLEYTRTGSESPKVCSDQSSGSG TGKGISGYLPTLNEDEEWKCDQDMEDDGRDAAPPGRLPQKLLLETAAPRVSSSR RYSEGREFRYGSWREPVNPYYVNAGYALAPATSANDSEQQSLSSDADTLSLTDSS VDGIPPYRIRKQ
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [AXIN1 axin 1 \[Homo sapiens \]](#)

Official Symbol [AXIN1](#)

Synonyms

AXIN1; axin 1; axin-1; PPP1R49; protein phosphatase 1; regulatory subunit 49; axis inhibitor 1; fused, mouse, homolog of; axis inhibition protein 1; protein phosphatase 1, regulatory subunit 49; AXIN; MGC52315;

mRNA Refseq [NM_003502](#)

Protein Refseq [NP_003493](#)

MIM [603816](#)

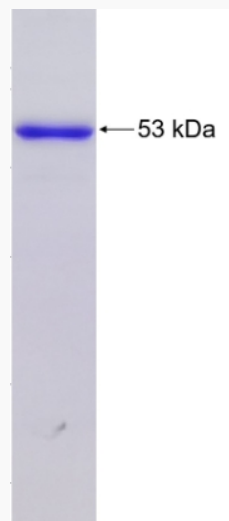
UniProt ID [O15169](#)

Gene ID [8312](#)

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SDS-PAGE

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