

Recombinant Human AXIN1 protein, GST-tagged

Cat. No. AXIN1-1818H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AXIN1 protein(1-351 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-351 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MNIQEQQGFPLDLGASFTEDAPRPPVPGEEGELVSTDPRPASYSFCSGKGVGKGET STATPRRSDLDLGYEPEGSASPTPPYLKWAESLHSLDDQDGISLFRFTFLKQEGCAD LLDFWFACTGFRKLEPCDSNEEKRLKLARAIYRKYILDNNGIVSRQTKPATKSFIKGCI MKQLIDPAMFDQAQTEIQATMEENTYPSFLKSDIYLEYTRTGSESPKVCSDQSSGSG TGKGISGYLPTLNEDEEWKCDQDMEDDGRDAAPPGRLPQKLLLETAAPRVSSSR RYSEGREFRYGSWREPVNPYYVNAGYALAPATSANDSEQQLSSDADTLSLTDSS VDGIPPYRIRKQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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;

Gene ID [8312](#)

mRNA Refseq [NM_003502](#)

Protein Refseq [NP_003493](#)

MIM [603816](#)

UniProt ID [O15169](#)

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