Recombinant Rat Acan protein, His-tagged

Cat. No. Acan-1957R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Acan aa. (Pro34~Glu147 (Accession # P07897)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro34~Glu147
Form	Freeze-dried powder
Molecular Mass	14 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Acan aggrecan [Rattus norvegicus (Norway rat)]
Official Symbol	Acan
Synonyms	HIF1B; TANGO; bHLHe2; HIF1BETA; HIF-1beta; HIF1-beta; HIF-1-beta; class E basic helix-loop-helix protein 2; dioxin receptor, nuclear translocator; hypoxia-inducible factor 1, beta subunit; aryl hydrocarbon receptor nuclear translocator
Gene ID	58968
mRNA Refseq	NM_022190.1
Protein Refseq	NP_071526.1
UniProt ID	P07897

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