

## Active Recombinant Rat Igf1

Cat. No. Igf1-173R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Igf1 (Accession # AAA41386) was produced in E. coli-derived.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured in a serum-free cell proliferation assay using MCF-7 human breast cancer cells. Karey, K.P. et al. (1988) Cancer Research 48:4083. The ED50 for this effect is typically 0.6 - 3 ng/mL.
<b>Molecular Mass</b>	Recombinant Rat Igf1 has a calculated MW of 8.8 kDa.
<b>Purity</b>	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

**Gene Name** [Igf1 insulin-like growth factor 1 \[ Rattus norvegicus \]](#)

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<b>Official Symbol</b>	Igf1
<b>Synonyms</b>	IGF1; insulin-like growth factor 1; insulin-like growth factor I; IGF-I; somatomedin;
<b>Gene ID</b>	<a href="#">24482</a>
<b>mRNA Refseq</b>	<a href="#">NM_001082477</a>
<b>Protein Refseq</b>	<a href="#">NP_001075946</a>
<b>MIM</b>	

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