

Active Recombinant Rat Igf1

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

SPECIFICATION

Product Overview	Recombinant Rat Igf1 (Accession # AAA41386) was produced in E. coli-derived.
Species	Rat
Source	E.coli
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Rat Igf1 has a calculated MW of 8.8 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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Official Symbol	Igf1
Synonyms	IGF1; insulin-like growth factor 1; insulin-like growth factor I; IGF-I; somatomedin;
Gene ID	24482
mRNA Refseq	NM_001082477
Protein Refseq	NP_001075946
MIM	

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