

Bioactive

Igf1 (Rat) Recombinant Protein

Catalog # P8185

Size 50 ug

Specification

Product Description	Rat Igf1 (P08025, 49 a.a. - 118 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	GPETLCGAELVDALQFVCGPRGFYFNKPTGYGSSIRRAPQTMDECCFRSCDLRRLEMYCAPLK PTKSA
Host	Escherichia coli
Theoretical MW (kDa)	7.7
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 98% by SDS-PAGE
Activity	The ED ₅₀ as determined by a cell proliferation assay using FDC-P1 cells is < 2.0 ng/mL, corresponding to a specific activity of > 5.0 x 10 ⁵ units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Igf1

Entrez GeneID	24482
Protein Accession#	P08025
Gene Name	Igf1
Gene Alias	-
Gene Description	insulin-like growth factor 1
Gene Ontology	Hyperlink
Other Designations	Insulin-like growth factor I/somatomedin