

Recombinant Mouse Insulin-Like Growth Factor 2 (Igf2), N-His

Cat. No.: AP4C58

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse Insulin-Like Growth Factor 2 (Igf2), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 8.5 kDa. The purity is >97%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>97%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	8.5 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Mouse Insulin-Like Growth Factor 2 (Igf2) is a growth factor that promotes cell proliferation and differentiation by binding to the IGF 1R receptor in mice. Igf2 is expressed in various mouse tissues, including the liver and muscle, and plays a crucial role in embryonic development and tissue repair. The role of Igf2 in cancer and metabolic disease models is under investigation.

Protein	Mouse Insulin-Like Growth Factor 2 (Igf2)
Protein Synonym	Insulin-like growth factor II; Multiplication-stimulating polypeptide
Gene ID	16002
EC No.	P09535

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.