

Recombinant Mouse IGF1 Protein, C-His (Active)

Summary

Catalog No.	AMC12001
Alternative Names	IGF-I, IGF1, Mechano growth factor, MGF, Insulin-like growth factor I, IBP1, Somatomedin-C, Drug Target
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
Biological activity	Measured by its ability to inhibit MCF-7 cells proliferation. The ED50 for this effect is <2 ng/mL. The specific activity of recombinant mouse IGF1 (Cat #: AMC12001) is > 5 x 10 ⁵ IU/mg
Endotoxin level	<1 EU/μg of the protein by the LAL method.
Expression system	E. coli
Accession	Q8CAR0
Protein length	Gly33-Ala102
Nature	Recombinant
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
Species	Mus musculus (Mouse)

Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

Note

For research use only.

Data Image
