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Product Datasheet

Recombinant Mouse IGF-I Protein, Human ABB-RP01859

Article Name	Recombinant Mouse IGF-I Protein, Human
Biozol Catalog Number	ABB-RP01859
Supplier Catalog Number	RP01859
Alternative Catalog Number	ABB-RP01859-20UG, ABB-RP01859-10UG, ABB-RP01859-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Mouse
Immunogen	Gly49-Ala118
Product Description	IGF1 (Insulin-like growth factor-1) is structurally and functionally related to insulin but has a much higher growth-promoting activity. A variety of cellular responses are induced by IGF1, including cell proliferation, differentiation, migration, an...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	33.64 kDa
NCBI	16000
UniProt	P05017
Purity	90% as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Target	IGF-I
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Cytokines & Cytokine receptors