Active GMP Recombinant Human LR3-IGF-1 Protein

Cat. No. LR3-IGF-1-01HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LR3-IGF-1 protein, was expressed in CHO-K1 cell-derived in an animal component free process under cGMP guidelines.
Species	Human
Source	CHO
Description	IGF-1, also known as growth-promoting factor C, belongs to the insulin gene family (including insulin and relaxin) and is structurally similar to the insulin precursor protein and has higher growth-promoting functions. (R) instead of Glu (E) in the third position of the amino acid sequence, which reduces the protein binding capacity and significantly improves the biological activity.
Form	Lyophilized powder
Endotoxin	<20 EU/mg
Bio-activity	>1.0 x 10^6 IU/mg
Purity	>97.0% by high performance liquid chromatography (SEC-HPLC) and SDS-PAGE.
Storage Buffer	10mM Phosphate-Buffered Saline (pH 7.2)
Storage	Stable storage at 4℃ for 7-10 days; for long-term storage, please store at -20℃ after dispensing.

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Sterility	Sterility
Instructions	It is recommended that lyophilized GMP rhLR3-IGF-1 be dissolved in water for injection or sterilized ultrapure water at a concentration of not less than 100 μg/ml, pending further dilution to working concentration.

GENE INFORMATION

Gene Name	LR3 insulin-like growth factor-1
Official Symbol	LR3-IGF-1

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