

Human pro-IGF2 Recombinant Protein



RPPB0429

Product Information Protein Information

Product SKU:

RPPB0429

Host:

HEK.

Protein description:

Pro-IGF2 Human Recombinant produced in HEK cells is a glycosylated monomer, contains 157 a.a. (24-180) having a total molecular weight of 25kDa. The Pro-IGF2 contains a C-terminal propeptide (E peptide) Arg92 to Lys180 and is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Pro-Insulin Like Growth Factor-2, pro-IGF2.

Formulation:

The Pro-IGF2 was lyophilized in 50mM Sodium Acetate pH 4.5 and 350mM NaCl.

Purity:

Greater than 90% as observed by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Pro-IGF2 in sterile PBS containing 0.1% endotoxin-free recombinant HSA.

Stability:

Lyophilized Pro-IGF2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Pro-IGF2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The specific activity was determined by the dose-dependent stimulation of the proliferation of MCF-7 cells (human breast cancer cell line) and is typically 2-8ng/ml.