

Human IGF1/IBP1 recombinant protein



Catalog Number: 518845

General Information

Gene Name Synonym:

Insulin-Like Growth Factor I, IGF-I, Mechano Growth Factor, MGF, Somatomedin-C, IGF1, IBP1

Protein Construction:

A DNA sequence encoding the Human IGF1/IBP1 Thr52-Ala118 is expressed.

Source: Human

Expression Host: E.coli

QC Testing

Activity:

Purity:

>95% as determined by SDS-PAGE.

Endotoxin:

<0.5 EU per μg protein as determined by the LAL method.

Stability:

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

Predicted N terminal:

Molecular Mass:

Formulation:

Lyophilized from a $0.2 \mu\text{m}$ filtered solution of 300mM NaAc, pH 6.5.

Usage Guide

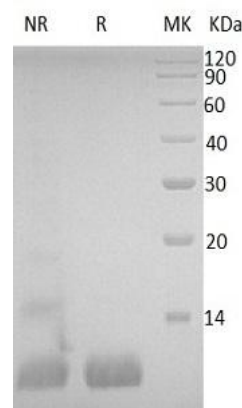
Storage:

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Reconstitution:

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is recommended to reconstitute to a concentration of $0.25 \mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in 50mM Acetic acid. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE:



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