

General Information

Gene Name Synonym

Fibroblast Growth Factor 2, FGF-2, Basic
Fibroblast Growth Factor, bFGF, Heparin-Binding
Growth Factor 2, HBGF-2, FGF2, FGFB

Protein Construction

A DNA sequence encoding the Human FGF2/FGFB
Gly132-Ser288 is expressed.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 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.

Formulation

Lyophilized from a $0.2 \mu\text{m}$ filtered solution of
20mM TrisHCl, 150mM NaCl, pH 7.5.

Usage Guide

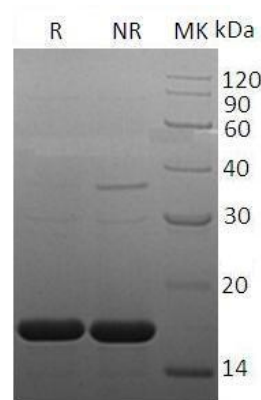
Storage

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 not recommended
to reconstitute to a concentration less than
 $100\mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in
ddH₂O. Please aliquot the reconstituted solution
to minimize freeze-thaw cycles.

SDS-PAGE



Human FGF2/FGFB recombinant protein