

General Information

Protein Construction

A DNA sequence encoding the human FGF8a (NP_149355.1) (Gln23-Arg204) was expressed with an initial Met.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED₅₀ for this effect is typically 0.8-3.3 µg/mL.

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human FGF8a consists 183 amino acids and predicts a molecular mass of 21.3 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.5.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

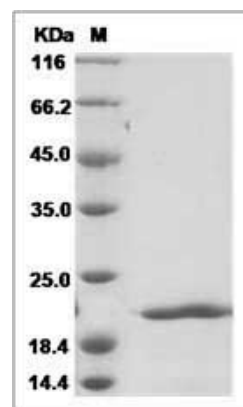
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human FGF8a / FGF-8a Protein