Active Recombinant Human FGF8a protein

Cat. No. FGF8a-2146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF8a protein(NP_149355.1)(Gln23-Arg204) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln23-Arg204
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.5.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-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.
Molecular Mass	The recombinant human FGF8a consists of 183 amino acids and predicts a molecular mass of 21.3 kDa.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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