

Recombinant Human FGF7 (*E.coli*-expressed)

Catalog Number: Y05921H

Characteristics:

Source	<i>E.coli</i>
Description	Human FG7 (Cys32-Thr194) Accession # P21781
Predicted molecular mass	18.8kDa

Specification:

Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤100 EU/mg by the LAL method
Activity	Measured by its ability to induce IL-11 secretion by Saos-2 human osteosarcoma cells. The ED ₅₀ for this effect is ≤1 µg/mL.
Formulation	Lyophilized from a 0.22 µm-filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Size	10 µg/vial, 50µg /vial, 1mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at -20°C to -80°C in lyophilized state
	6 months at -20°C to -80°C under sterile conditions after reconstitution
	7-10 days at 2°C to 8°C under sterile conditions after reconstitution
	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.