

[Go to Product page](#)

Datasheet for ABIN2018177 FGF7 Protein (AA 32-194)

Overview

Quantity:	25 µg
Target:	FGF7
Protein Characteristics:	AA 32-194
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Characteristics:	ED50 < 1 ng /mL, measured in a proliferation assay using 4MBr5 cells.
Purity:	> 95 % as analyzed by SDS-PAGE and HPLC.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

Target Details

Target:	FGF7
Alternative Name:	Keratinocyte Growth Factor (KGF) (FGF7 Products)
Background:	<p>Keratinocyte Growth Factor (KGF), also known as FGF-7 and HBGF-7, is a mitogen factor belonging to the heparin-binding growth factor family. It is expressed mainly by epithelial cells. KGF binds to fibroblast growth factor receptor 2b (FGFR2b) to form a dimeric complex and initiate downstream signals. KGF plays an important role in embryonic development, cell proliferation and differentiation. It has also been reported to function in kidney and lung</p>

Target Details

development, angiogenesis, wound healing and tumor invasion.

Synonyms: Keratinocyte Growth Factor, Fibroblast Growth Factor-7, HBGF-7

Molecular Weight: 16-18 kDa, observed by reducing SDS-PAGE.

UniProt: [P21781](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstituted in ddH₂O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant human Keratinocyte Growth Factor(rhKGF) remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, Human Keratinocyte Growth Factor should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

Expiry Date: 6 months