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Datasheet for ABIN7455635
FGF7 Protein (His tag)

Overview

Quantity:	50 µg
Target:	FGF7
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGF7 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Fibroblast Growth Factor 7/Keratinocyte growth factor is produced by our Mammalian expression system and the target gene encoding Cys32-Thr194 is expressed with a 6His tag at the C-terminus.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	FGF7
Alternative Name:	KGF (FGF7 Products)
Background:	Fibroblast growth factor 7, FGF-7, Heparin-binding growth factor 7, HBGF-7, Keratinocyte growth factor, FGF7 Description: Fibroblast growth factor 7 (FGF7) is a secreted protein which is mainly located in epithelial cells and belongs to the heparin-binding growth factors family. FGF family members

Target Details

possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF7 is a potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. It is possible major paracrine effector of normal epithelial cell proliferation.

Molecular Weight: 20 KDa

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

Buffer: a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months