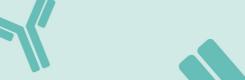
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Datasheet for ABIN7318491

FGF7 Protein (His tag)



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

Product Details

Purpose:	Recombinant Human FGF-7/KGF Protein (His Tag)(Active)	
Sequence:	Cys32-Thr194	
Characteristics:	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.	
Purity:	> 95 % as determined by reducing SDS-PAGE.	
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.	
Biological Activity Comment:	Immobilized Human KGF-His at 0.5µg/ml(100 µl/well) can bind Human FGF R3-Fc(Cat: PKSH033678). The ED50 of Human KGF-His is 31.121ug/ml .	

Target Details

Target:	FGF7	

Target Details

Alternative Name:	FGF-7/KGF (FGF7 Products)		
Background:	Background: 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		
	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.		
	is possible major paracrine effector of normal epithelial cell proliferation.		
	Synonym: Fibroblast growth factor 7, FGF-7, Heparin-binding growth factor 7, HBGF-7,		
	Keratinocyte growth factor, FGF7		
Molecular Weight:	20.0 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		
Reconstitution:	Please refer to the printed manual for detailed information.		
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.		
Storage:	4 °C,-20 °C,-80 °C		
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.		
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted		
	samples are stable at < -20°C for 3 months.		