

OriGene Technologies, Inc.

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Product datasheet for TP324418

KGF (FGF7) (NM_002009) Human Recombinant Protein

Product data:

Description:Recombinant protein of human fibroblast growth factor 7 (keratinocyte growth factor) (FGF7), 20 µgSpecies:HumanExpression Host:HEX293TExpression cDNA Closs or AA Sequence:Rec224418 representing NM_002009 Red=Cloning site Green=Tags(s)RetWill:TWILPTLLYRSCFHIICLVGTISLACNDMTPEQMATNVNCSSPERHTRSYDYMEGGDIRVRRLF CRTQWVLRIDKRGKVKGTQEMKNNYNIMEIRTVAVGVAIKGVESEFYLAMMNKEGKLYAKKEONEDCNFK ELLENHVNTVASAKWTHNGGEMFVALNQKGIPVRGKKTKKEQKTAHFLPMAITTag:C-Myc/DDKPredicted MW:38.8 baConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:Som a stermined by SDS-PAGE and Coomassie blue stainingBuffer:Som Mitris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stole of 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP02000Locus ID:2522UniProt ID:21781	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA ClossRC224418 representing NM_002009 Red=Cloning site Green=Tags(s)MHKWILTWILPTLLYRSCFHIICLVGTISLACNDMTPEQMATINVNCSSPERHTRSYDYMEGGDIRVRRLF CRTQWYLRIDKRGKVKGTQEMKNNYNIMEIRTVAAGIVAIKGVESEFYLAMNKEGKLYAKKECNEDCNFKK ELILENHYNTYASAKWTHNGGEMFVALNQKGIPVRGKTKKEQKTAHFLPMAITTag:OMFredicted MW:8.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodNote:Sc mothinat protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora t-80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:M.P.002000Locus ID:252	Description:	
Pression cDNA CloneRc224418 representing NM_002009 Rcd=Cloning site Green=Tags(s)MHKWILTWILPTLLYRSCFHIICLVGTISLACNDMTPEQMATNVNCSSPERHTRSYDYMEGGDIRVRRLF CTQWYLRIDKRGKVKGTQEMKNNYNIMEIRTVAVGIVAIKGVESEFYLAMNKEGKLYAKKECNEDCNFK LILENHYNTYASAKWTHNGGEMFVALNQKGIPVRGKKTKKEQKTAHFLPMAITTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:18.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora et -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 002000Locus ID:252	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MHKWILTWILPTLLYRSCFHIICLVGTISLACNDMTPEQMATNVNCSSPERHTRSYDYMEGGDIRVRRLF CRTQWYLRIDKRGKVKGTQEMKNNYNIMEIRTVAVGIVAIKGVESEFYLAMNKEGKLYAKKECNEDCNFK ELILENHYNTYASAKWTHNGGEMFVALNQKGIPVRGKKTKKEQKTAHFLPMAITTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:18.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Storage:Storage:Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP_002000Locus ID:2252	Expression Host:	HEK293T
CRTQWYLRIDKRGKVKGTQEMKNNYNIMEIRTVAVGIVAIKGVESEFYLAMNKEGKLYAKKECNEDCNFK ELILENHYNTYASAKWTHNGGEMFVALNQKGIPVRGKKTKKEQKTAHFLPMAITTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:18.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Storage is conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 002000Locus ID:252	-	
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Locus ID: 2252	Stability:	
	RefSeq:	<u>NP 002000</u>
UniProt ID: <u>P21781</u>	Locus ID:	2252
	UniProt ID:	<u>P21781</u>



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	KGF (FGF7) (NM_002009) Human Recombinant Protein – TP324418
RefSeq Size:	3853
Cytogenetics:	15q21.2
RefSeq ORF:	582
Synonyms:	HBGF-7; KGF
Summary:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) 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. This protein is a potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. Studies of mouse and rat homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair development and early lung organogenesis. [provided by RefSeq, Jul 2008]
Protein Families:	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein
Protein Pathways	s: MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images:

116 -	_	
66 -	_	
45 -	_	
35 -	_	
25 -	_	
18 -	_	

Coomassie blue staining of purified FGF7 protein (Cat# TP324418). The protein was produced from HEK293T cells transfected with FGF7 cDNA clone (Cat# [RC224418]) using MegaTran 2.0 (Cat# [TT210002]).

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