

# Recombinant Human FGF7 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. FGF7-256H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	FGF7 MS Standard C13 and N15-labeled recombinant protein (NP_002000) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	22.51 kDa
<b>AA Sequence</b>	MHKWILTWILPTLLYRSCFHIICLVGTISLACNDMTPEQMATNVNCSSPERHTRSVDY MEGGDIRVRRLLFCRTQWYLRIDKRGKVKGTQEMKNNYNIMEIRTVAVGIVAIGVES EFLAMNKEGKLYAKKECNEDCNFKELILENHYNITYASAKWTHNGGEMFVALNQKG IPVRGKKTKEQKTAHFLPMAITTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	FGF7 fibroblast growth factor 7 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FGF7
<b>Synonyms</b>	FGF7; fibroblast growth factor 7; fibroblast growth factor 7 (keratinocyte growth factor); keratinocyte growth factor; KGF; FGF-7; heparin-binding growth factor 7; HBGF-7;
<b>Gene ID</b>	2252
<b>mRNA Refseq</b>	NM_002009
<b>Protein Refseq</b>	NP_002000
<b>MIM</b>	148180
<b>UniProt ID</b>	P21781

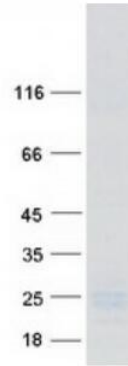
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**SDS-PAGE**



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