FGF7 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	FGF7, Lysate
Full Product Name	Human FGF7 Protein Lysate
Product Gene Name	FGF7 lysate
Product Synonym Names	FGF7; HBGF-7; KGF
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	11,520 Da
Related Product Information for FGF7 lysate	Human FGF7 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of FGF7 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FGF7 purchase	MBS8411755 is a lysate targeting FGF7. Also known as Human FGF7 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGF7. It may not necessarily be applicable to this product.

NCBI GI #	4503705
NCBI GeneID	2252
NCBI Accession #	NP_002000
UniProt Secondary Accession #	Q6FGV5; Q96FG5; H0YNY5
UniProt Related Accession #	P21781
GenBank Nucleotide #	NM_002009
NCBI Official Full Name	fibroblast growth factor 7
NCBI Official Synonym Full Names	fibroblast growth factor 7
NCBI Official Symbol	FGF7
NCBI Official Synonym Symbols	KGF; HBGF-7
Protein Family	Fibroblast growth factor
NCBI Protein Information	fibroblast growth factor 7

NCBI Summary for FGF7	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]
Research Articles on FGF7	**1.** First evidence of a role of FGF7 in the regulation of sequential steps of the autophagic process and strengthen the hypothesis of a direct interplay between autophagy and differentiation.
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