

## Product Datasheet

# RecombinantKGF/FGF-7,Human(CHO-expressed) (orb1494690)

<b>Description</b>	Keratinocyte Growth Factor (KGF), also known as FGF-7 and HBGF-7, is a mitogen factor belonging to the heparin-binding growth factor family. It is expressed mainly by epithelial cells. KGF binds to fibroblast growth factor receptor 2b (FGFR2b) to form a dimeric complex and initiate downstream signals. KGF plays an important role in embryonic development, cell proliferation and differentiation. It has also been reported to function in kidney and lung development, angiogenesis, wound healing and tumor invasion.
<b>Endotoxins</b>	< 0.2 EU/μg, determined by LAL method.
<b>Preservatives</b>	Lyophilized after extensive dialysis against PBS.
<b>Form/Appearance</b>	Lyophilized after extensive dialysis against PBS.
<b>Storage</b>	Lyophilized recombinant human Keratinocyte Growth Factor(rhKGF) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Human Keratinocyte Growth Factor should be stable up to 1 week at 4°C or up to 2 months at -20°C.
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstituted in ddH2O or PBS at 100 μg/ml.
<b>Protein Sequence</b>	CNDMTPEQMATNVNCCSPERHTRSVDYMEGGDIRVRRLLFCRTQWYLRLDKRGKVKGTQE MKNNYNIMEIRTVAVGIVAIAK GVSEFYLAMNKEGKLYAKKECNEDCNFKELILENHNTYASAKWTHNGGEMFVALNQKGI PVRGKKTKEQKTAHFLPM AIT
<b>Purity</b>	> 95% as analyzed by SDS-PAGE and HPLC.
<b>Source</b>	CHO
<b>MW</b>	16-18 kDa, observed by reducing SDS-PAGE.
<b>Expiration Date</b>	6 months from date of receipt.

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