

# OsrhKGF

## Recombinant Human Keratinocyte Growth Factor

Lyophilized powder



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### Introduction

Keratinocyte growth factor (KGF), also known as FGF-7, is a member of FGF family. KGF, an effective epithelial cell-specific growth factor, is secreted by mesenchymal cells and its receptor is distributed in epithelial cells. Its mitotic activity is mainly manifested in keratinocytes, which can specifically stimulate the proliferation, migration and differentiation of epithelial cells. It also closely relate to organ development, wound healing, tumorigenesis and immune reconstruction etc.

OsrhKGF, expressed in the rice endosperm platform and purified by chromatography, is animal component free and has high biological activity. The rice endosperm platform makes the manufacture capability at hundreds of gram scales to meet your bulk bioprocessing needs.

### Specification

- **Source:** Rice Grain (*Oryza Sativa*)
- **Appearance:** White or off-white loose body
- **Molecular weight:** 19 kDa
- **Purity:** ≥95.0% by SDS-PAGE
- **Activity:** ≥ 1.0×10<sup>6</sup> IU/mg by a cell proliferation assay using breast cancer cell (MCF-7 cell)
- **Endotoxin:** <0.1 EU/μg

### Preparation and Storage

- **Reconstitution:** Recommend to reconstitute

OsrhKGF at 100-200μg/ml in sterile water or PBS. Further dilutions can be made in other aqueous buffer.

- **Storage:** Stored at temperature -20°C for at least 36 months.

**Please avoid repeated freeze-thaw cycles.**

### Related Products

Cat. No.	Product Name
HYC002C01	OsrHSA Premium, powder
HYC002C02	OsrHSA Premium, liquid
HYC002M01	OsrHSA Advanced, powder
HYC002R01	OsrHSA Precise, powder
HYC028M01	OsrHSA, Fatty acid free, liquid
HYC021M01	OsrhFN, powder
HYC044M01	OsrhTF, powder
HYC005M01	OsrhbFGF, powder
HYC026M01	OsrhVEGF, powder
HYC020M01	rhEGF, powder
HYC007M01	rhIGF-1 LR3, powder
HYC006M01	OsrhAAT, powder
HYC004M01	OsrhLF, powder
HYC042R01	OsrhLYZ, powder
HYC052R01	OsrCSA, liquid
HYC053R01	OsrFSA, liquid

**FOR RESEARCH, LABORATORY AND  
MANUFACTURE USE ONLY. NOT INTENDED  
FOR DIRECT USE ON HUMANS.**

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