

RPPB0697

Product Information Protein Information

Product SKU:

RPPB0697

Accession:

P21781

Host:

HEK.

Protein description:

KGF Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 17-30kDa due to glycosylation. The KGF is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

HBGF-7, FGF7, FGF-7, KGF.

Formulation:

The KGF was lyophilized from 1mg/ml in 1xPBS.

Purity:

Greater than 95% as observed by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized KGF in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized KGF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution KGF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The specific activity was determined by the dose-dependent stimulation of the proliferation of 4MBr-5 cells (monkey epithelial cell line) and is typically 1.5-7.5ng/ml corresponding to a Specific Activity of 133,334-666,667IU/mg.