

# Human FGF-7 (KGF) Recombinant Protein

## Product Details

Size	10 µg
Species	Human
Expression system	E. coli
Amino acid sequence	Human FGF-7 (KGF) recombinant protein contains 163 amino acids
Molecular weight	18.9 kDa
Class	Recombinant
Type	Protein
Purity	95% by SDS-PAGE and HPLC
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 = 0.1 - 15 ng/mL; determined by the dose-dependent proliferation of 4MBr-5 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Storage buffer	PBS, pH 7, with 0.25M NaCl
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

## Product Specific Information

**Reconstitution:** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute KGF in 1X PBS to a concentration of 0.1-1.0 mg/mL. Do not vortex. This solution can be stored at 2°C to 8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein, such as 0.1% BSA and store in working aliquots at -20°C to -80°C.

**Storage:** The lyophilized protein is stable at room temperature for 1 month, but should be kept at -20°C for long term storage, preferably desiccated. Working aliquots stored with a carrier protein are stable for at least 3 months at -20°C to -80°C. Avoid repeated freeze/thaw cycles.

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