

Murine FGF-10 / KGF-2

Synonyms: FGFA, FGF10, FGF-10, KGF-2, Fibroblast growth factor 10.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1379.960.005		
25 µg	1379.960.025		
1 mg	1379.960.199		

Please enquire for bulk quantities and other vial sizes

Description

KGF 2 Murine Recombinant produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 173 amino acids and having a molecular mass of 19.5kDa.

- **Source** *E. Coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4 containing 5% trehalose*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

Fully biologically active when compared to standard. The ED₅₀ as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is <0.5ng/ml.

Reconstitution

It is recommended to reconstitute the lyophilized KGF 2 Mouse Recombinant in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized KGF 2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution KGF 2 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 avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

QALGQDMVSQ EATNCSSSSS SFSSPSSAGR HVRSYNHLQG DVRWRLFSF TKYFLTIEKN GKVSGTKNED
 CPYSVLEITS VEIGVVAVKA INSNYLAMN KKGKLYGSKE FNNDCKLKER IEENGYNTYA SFNWQHNGRQ
 MYVALNGKGA PRRGQKTRRK N TSAHFLPMT IQT

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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