

# Recombinant Murine Keratinocyte Growth Factor-2/FGF-10

Catalog No: #AP60188

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Package Size: #AP60188-1 5ug #AP60188-2 100ug #AP60188-3 500ug

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## Description

Product Name	Recombinant Murine Keratinocyte Growth Factor-2/FGF-10
Host Species	Escherichia coli.
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Uniprot	O35565
GeneID	14165
Calculated MW	Approximately 19.5 kDa, a single non-glycosylated polypeptide chain containing 173 amino acids.
Target Sequence	QALGQDMVSQ EATNCSSSSS SFSSPSSAGR HVRSYNHLQG DVRWRRLFSF TKYFLTIEKN GKVSQTKNED CPYSVLEITS VEIGVVAVKA INSNYLAMN KKGKLYGSKE FNNDCKLKER IEENGYNTYA SFNWQHNGRQ MYVALNGKGA PRRGQKTRRK NTAHFLPMT IQT
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 2 x PBS, 600 mM NaCl, pH 7.4, 1 mM mercaptoethanol.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

## Background

Fibroblast growth factor 10 belongs to the fibroblast growth factor (FGF) family, which is involved in a variety of biological processes such as embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. Like most other FGF family members, FGF-10 also has a heparin-binding domain and plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. In addition, FGF-10 may take parts in wound healing and is required for normal branching morphogenesis. Recombinant murine FGF-10 contains a 173 amino acids and it shares 94 % and 100 % a.a. sequence identity with human and rat FGF-10.

Note: This product is for in vitro research use only