Human FGF-4 Recombinant Protein

Product Details	
Size	25 µg
Species	Human
Expression system	E. coli
Amino acid sequence	Human FGF-4 recombinant protein contains 182 amino acids
Molecular weight	19.7 kDa
Class	Recombinant
Type	Protein
Purity	95% by SDS-PAGE and HPLC
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 10 ng/mL; determined by the dose-dependent proliferation of Balb/c 3T3 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Storage buffer	10mM sodium phosphate, pH 7.4, with 100mM 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 in sterile, distilled water 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 -80°C to -20°C. Avoid repeated freeze/thaw cycles.

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