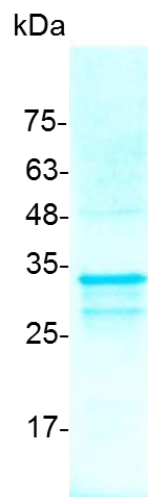


FGF-14 (Fibroblast growth factor-14), Human

v. 231001

Catalog number	C01105-5UG / C01105-20UG / C01105-100UG
Package	5 µg / 20 µg / 100 µg
Description	FGF-14 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. FGF14 is probably involved in nervous system development and function.
Source	<i>Escherichia coli</i>
Sequence	AAAIASGLIRQKRQAREQHWDRPSASRRRSSPSKNRGLCNGNLVDIFSKVRIF GLKKRRLRRQDPQLKGIVTRLYCRQGYLQMHPDGALDGTKDDSTNSTLFNLI PVGLRVVAIQGVKTGLYIAMNGEGYLYPSELF TPECKFKESVFENYYVIYSSMLY RQQESGRAWFLGLNKEGQAMKGNRVKKT KPAAHFLPKPLEVAMYREPSLHDV GETVPKPGVTPSKSTSASAIMNGGKPVNKSKT with polyhistidine tag at the N-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce 3T3 cells proliferation. The ED ₅₀ for this effect is <21 ng/mL.
Purity	>95% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human FGF-14

For research use only.