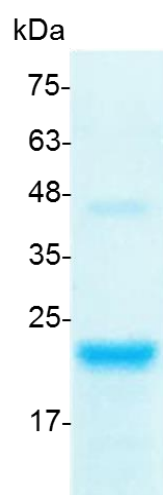


## PRODUCT INFORMATION

**FGF-8a (Fibroblast growth factor-8a), Human**

<b>Catalog number</b>	C01097-5UG / C01097-20UG / C01097-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	FGF-8a 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. FGF-8 shows limited expression in the normal adult, but low levels are found in the reproductive and genitourinary tract, peripheral leukocytes and bone marrow hematopoietic cells.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MQHVREQLSLVTDQLSRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDPFAK LIVETDTFGSRVRVRGAETGLYICMNKKKGKLIAKSNGKGKDCVFTEIVLENNYTA LQNAKYEGWYMAFTRKGRPRKGSKTRQHQREVHFMKRLPRGHHHTTEQSLRF EFLNYPFTRSLRGSQRTWAPEPR with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to induce 3T3 cells proliferation. The ED <sub>50</sub> for this effect is <2 µg/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human FGF-8a

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