

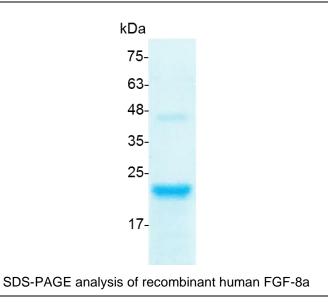
PRODUCT INFORMATION

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

v. 231001

Catalog number	C01097-5UG / C01097-20UG / C01097-100UG
Package	5 μg / 20 μg / 100 μg
Description	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.
Source	Escherichia coli
Sequence	MQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDPFAK LIVETDTFGSRVRVRGAETGLYICMNKKGKLIAKSNGKGKDCVFTEIVLENNYTA LQNAKYEGWYMAFTRKGRPRKGSKTRQHQREVHFMKRLPRGHHTTEQSLRF EFLNYPPFTRSLRGSQRTWAPEPR with polyhistidine tag at the C-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 <2 $\mu g/mL$ .
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile $H_2O$ to a concentration not less than 200 $\mu g/mL$ and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at:  -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.





For research use only.