

FGF-8a Protein, Human

Cat. No.:	HY-P7347
Synonyms:	rHuFGF-8a; AIGF; HBGF-8
Species:	Human
Source:	E. coli
Accession:	P55075-2 (Q23-R204)
Gene ID:	2253
Molecular Weight:	Approximately 21.3 kDa

PROPERTIES

AA Sequence	<p> MQHVREQSLV TDQLSRRLIR TYQLYSRTSG KHVQVLANKR INAMAEDGDP FAKLIVETDT FGSRVRVRGA ETGLYICMNK KGKLI AKSNG KGKDCVFTEI VLENNYTALQ NAKYEGWYMA FTRKGRPRKG SKTRQHGREV HFMKRLPRGH HTTEQSLRFE FLNYPPTRS LRGSQRTWAP EPR </p>
Biological Activity	The ED ₅₀ is <500 ng/mL as measured by 3T3 cells, corresponding to a specific activity of >2 × 10 ³ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against PBS.
Endotoxin Level	<0.2 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Fibroblast Growth Factor 8 is an essential factor during embryonic development, overexpressed in several tumor types. Fibroblast Growth Factor 8 stimulates anti-apoptotic pathways and prevents tumor cell death ^[1] .
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REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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