

Animal-Free FGF-8b Protein, Human (His)

Cat. No.:	HY-P700070AF
Synonyms:	Fibroblast growth factor 8; Androgen-induced growth factor; Heparin-binding growth factor 8; AIGF; HBGF-8; FGF-8B
Species:	Human
Source:	E. coli
Accession:	P55075-3/P37237-2 (Q33-R215)
Gene ID:	2253
Molecular Weight:	Approximately 22.14 kDa

PROPERTIES

AA Sequence	<p> MQHVREQSLV TDQLSRRLIR TYQLYSRTSG KHVQVLANKR INAMAEDGDP FAKLIVETDT FGSRRVRVGA ETGLYICMNK KGKLI AKSNG KGKDCVFTEI VLENNYTALQ NAKYEGWYMA FTRKGRPRKG SKTRQHQRREV HFMKRLPRGH HTTEQSLRFE FLNYPPTRS LRGSQRTWAP EPR </p>
Biological Activity	Measure by its ability to induce 3T3 cells proliferation. The ED ₅₀ for this effect is 1.4-3.8 ng/mL. The specific activity of recombinant human FGF-8b is >2 x 10 ⁵ IU/mg
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 0.1% sarkosyl in 1X PBS, pH 8.0.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
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. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

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

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