

FGF-8c Protein, Mouse (His)

Cat. No.:	HY-P7348A
Synonyms:	rMuFGF-8c; AIGF; HBGF-8
Species:	Mouse
Source:	E. coli
Accession:	P37237 (Q23-R268)
Gene ID:	14179
Molecular Weight:	Approximately 29 kDa

PROPERTIES

AA Sequence	<p>Q V R S A A Q K R G P G A G N P A D T L G Q G H E D R P F G Q R S R A G K N F T</p> <p>N P A P N Y P E E G S K E Q R D S V L P K V T Q R H V R E Q S L V T D Q L S R R</p> <p>L I R T Y Q L Y S R T S G K H V Q V L A N K R I N A M A E D G D P F A K L I V E</p> <p>T D T F G S R V R V R G A E T G L Y I C M N K K G K L I A K S N G K G K D C V F</p> <p>T E I V L E N N Y T A L Q N A K Y E G W Y M A F T R K G R P R K G S K T R Q H Q</p> <p>R E V H F M K R L P R G H H T T E Q S L R F E F L N Y P P F T R S L R G S Q R T</p> <p>W A P E P R</p>
Biological Activity	Measured in a cell proliferation assay using NIH-3T3 mouse fibroblast cells. The ED ₅₀ for this effect is 53.76 ng/mL, corresponding to a specific activity is 1.860×10 ⁴ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 50 mM Tris-HCL, 300 mM NaCl, 200 mM arginine, pH 8.0.
Endotoxin Level	<1 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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Caution: Product has not been fully validated for medical applications. For research use only.

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