

FGF-17 Protein, Human (194a.a)

Cat. No.:	HY-P700287
Synonyms:	Fibroblast Growth Factor 17; FGF-17; FGF17; HH20 Protein, Human; Fibroblast growth factor 17
Species:	Human
Source:	E. coli
Accession:	O60258 (T23-T216)
Gene ID:	8822
Molecular Weight:	23 KDa

PROPERTIES

AA Sequence	<p>T Q G E N H P S P N F N Q Y V R D Q G A M T D Q L S R R Q I R E Y Q L Y S R T S</p> <p>G K H V Q V T G R R I S A T A E D G N K F A K L I V E T D T F G S R V R I K G A</p> <p>E S E K Y I C M N K R G K L I G K P S G K S K D C V F T E I V L E N N Y T A F Q</p> <p>N A R H E G W F M A F T R Q G R P R Q A S R S R Q N Q R E A H F I K R L Y Q G Q</p> <p>L P F P N H A E K Q K Q F E F V G S A P T R R T K R T R R P Q P L T</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	Less than 1 EU/µg as determined by LAL test.
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	<p>FGF-17 Protein assumes a crucial role in regulating embryonic development and serves as a signaling molecule in the induction and patterning of the embryonic brain. Its presence is essential for normal brain development, emphasizing its significance in shaping the intricate processes of embryogenesis. Notably, FGF-17 interacts with FGFR3 and FGFR4, underscoring its involvement in intricate signaling cascades that contribute to the precise orchestration of developmental events in the embryonic brain.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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