# FGFRL1 Protein, Mouse (HEK293, His)

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| **Cat. No.:** | HY-P76343 |
| **Synonyms:** | Fibroblast growth factor receptor-like 1; FGFR-5; FGFRL1; FGFR5; FHFR |
| **Species:** | Mouse |
| **Source:** | HEK293 |
| **Accession:** | Q91V87 (A21-P374) |
| **Gene ID:** | 116701 |
| **Molecular Weight:** | Approximately 55-68 kDa. |

## PROPERTIES

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| **AA Sequence** | A R G P P R M A D K V V P R Q V A R L G R T V R L Q C P V E G D P P P L T M W T<br>K D G R T I H S G W S R F R V L P Q G L K V K E V E A E D A G V Y Y V C K A T N G<br>F G S L S V N Y T L I I M D D I S P G K E S P G P G G S S G G Q E D P A S Q Q W<br>A R P R F T Q P S K M R R R V I A R P V G S S V R L K C V A S G H P R P D I M W<br>M K D D Q T L T H L E A S E H R K K K W T L S L K N L K P E D S G K Y T C R V S<br>N K A G A I N A T Y K V D V I Q R T R S K P V L T G T H P V N T T V D F G G T T<br>S F Q C K V R S D V K P V I Q W L K R V E Y G S E G R H N S T I D V G G Q K F V<br>V L P T G D V W S R P D G S Y L N K L L I S R A R Q D D A G M Y I C L G A N T M<br>G Y S F R S A F L T V L P D P K P P G P P M A S S S S S T S L P W P |
| **Biological Activity** | Immobilized human bFGF at 5 μg/mL (100 μL/well) can bind mouse FGFR5. The $ED_{50}$ for this effect is 0.9066 μg/mL. |
| **Appearance** | Lyophilized powder |
| **Formulation** | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. |
| **Endotoxin Level** | <1 EU/μg, determined by LAL method. |
| **Reconsititution** | It is not recommended to reconstitute to a concentration less than 100 μg/mL in $ddH_2O$. 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

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| **Background** | FGFRL1, a pivotal player in cellular dynamics, exerts a noteworthy negative impact on cell proliferation. Its interaction with |

FGF2 is characterized by a low affinity, emphasizing its regulatory role in mitigating the proliferative signals associated with FGF2. This distinctive property positions FGFRL1 as a modulator of cellular growth processes, shedding light on its intricate involvement in cellular homeostasis.



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