

## FGFR-2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76340
Synonyms:	Fibroblast growth factor receptor 2; FGFR-2; KSAM; KGFR; CD332; BEK
Species:	Mouse
Source:	HEK293
Accession:	E9Q5C3/AAA39377.1 (R22-E263)
Gene ID:	14183
Molecular Weight:	Approximately 40-7 kDa due to the glycosylation.

### PROPERTIES

AA Sequence	R P S F S L V E D T      T L E P E G A P Y W      T N T E K M E K R L      H A V P A A N T V K F R C P A G G N P T      P T M R W L K N G K      E F K Q E H R I G G      Y K V R N Q H W S L I M E S V V P S D K      G N Y T C L V E N E      Y G S I N H T Y H L      D V V E R S P H R P I L Q A G L P A N A      S T V V G G D V E F      V C K V Y S D A Q P      H I Q W I K H V E K N G S K Y G P D G L      P Y L K V L K H S G      I N S S N A E V L A      L F N V T E M D A G E Y I C K V S N Y I      G Q A N Q S A W L T      V L P K Q Q A P V R      E K E I T A S P D Y L E
Biological Activity	Measured by its ability to inhibit FGF-acidic dependent proliferation of Balb/c 3T3 mouse fibroblasts. The ED <sub>50</sub> for this effect is 1.667 ng/mL, corresponding to a specific activity is 6.0×10 <sup>5</sup> units/mg.
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.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> 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.

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

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