FGFR-3 Protein, Cynomolgus/Rhesus Macaque (HEK293, Fc)

Cat. No.:	HY-P76341
Synonyms:	Fibroblast growth factor receptor 3; FGFR-3; CD333; Mfr3; Sam3
Species:	Cynomolgus
Source:	HEK293
Accession:	F7FZR9 (M1-G375)
Gene ID:	712829
Molecular Weight:	Approximately 99.9 kDa.

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
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.
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	FGFR-3 is a member of the fibroblast growth factor receptor family and is expressed in tissues such as cartilage, brain, intestine and kidney. The FGFR-3 protein plays a role in bone growth by regulating ossification. FGFR-3 is an important regulator of intrachondral and membranous ossification and a negative regulator of long bone growth. FGFR-3 regulates chondrocyte differentiation and proliferation by activating the MAPK/STAT signaling pathway. FGFR-3 is a tumor marker[1] [2].

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