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FGF-R3(IIIC)

Catalog # PVGS1611

Product Information

Primary Accession	Q61851-1
Species	Mouse
Sequence	Glu21-Gly374
Purity	> 90% as analyzed by SDS-PAGE
Endotoxin Level	
Expression System	CHO
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH_2O or PBS up to 100 μg/ml.
Storage & Stability	Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

Additional Information

Target Background	Fibroblast growth factor receptor 3(FGFR3) also known as CD333 (cluster of differentiation 333) is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. The FGFR3 gene produces various forms of the FGFR3 protein and the location varies depending on the isoform of the FGFR3 protein. Since the different forms are found within different tissues, the protein is responsible for multiple growth factor interactions. Gain of function mutations in FGFR3 inhibits chondrocyte proliferation and underlies achondroplasia and hypochondroplasia.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.