

Human FGFR1 beta (IIIc) Protein

Cat. No. FGF-HM41C

Description

Source	Recombinant Human FGFR1 beta (IIIc) Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal. It contains Val158-Pro357.
Accession	P11362-7
Molecular Weight	The protein has a predicted MW of 25.23 kDa. Due to glycosylation, the protein migrates to 45-55 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

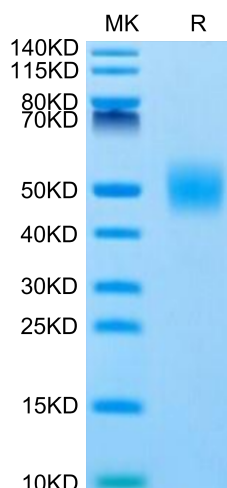
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

Fibroblast growth factor receptor 1 (FGFR1) transmits signals through the plasma membrane regulating essential cellular processes like division, motility, metabolism, and death. Overexpression of FGFR1 is observed in numerous tumors and thus constitutes an attractive molecular target for selective cancer treatment.

Assay Data

Tris-Bis PAGE

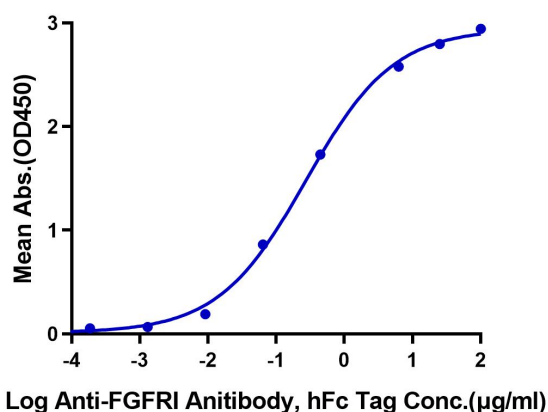


Human FGFR1 beta (IIIc) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Human FGFR1 beta (IIIc), His Tag ELISA

0.5 μg Human FGFR1 beta (IIIc), His Tag Per Well



Immobilized Human FGFR1 beta (IIIc), His Tag at 5 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{Well}$) on the plate. Dose response curve for Anti-FGFR1 Antibody, hFc Tag with the EC50 of 0.27 $\mu\text{g}/\text{ml}$ determined by ELISA.