Human FGFR1 beta (IIIc) Protein

Cat. No. FGF-HM41C

KACTUS

Description

Source	Recombinant Human FGFR1 beta (IIIc) Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
	It contains Lys158-Thr355.
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

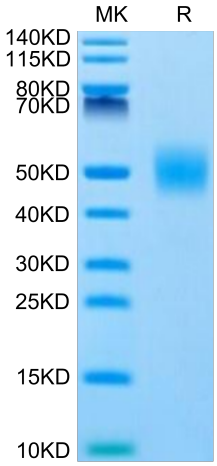
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

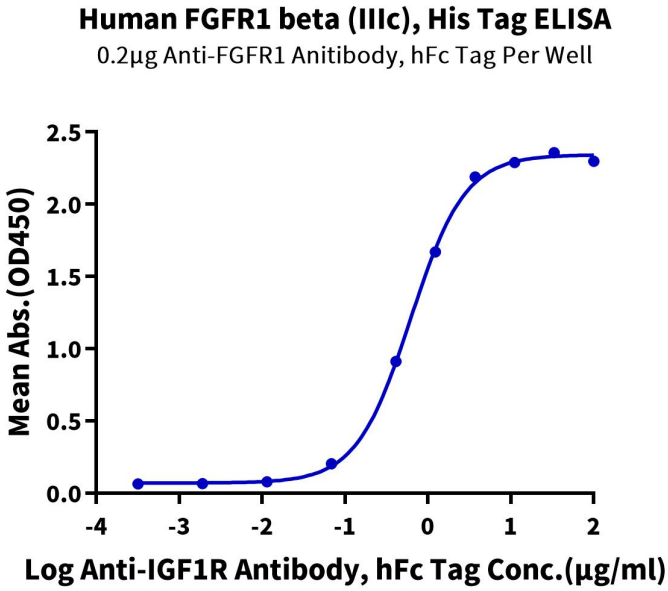
Assay Data

Tris-Bis PAGE



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

ELISA Data



Immobilized Anti-FGFR1 Anitibody, hFc Tag at 2μg/ml (100μl/Well) on the plate. Dose response curve for Human FGFR1 beta (IIIc) , His Tag with the EC50 of 0.62μg/ml determined by ELISA.