

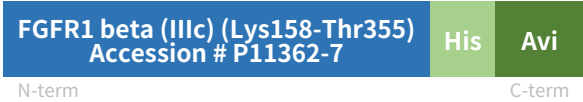
Rev02
 Update: Aug,08,2025

DATASHEET

FGFR1 beta (IIIc), His & Avi, Human

Cat. No.: Z05295

Product Introduction

Species	Human
Protein Construction	 <p>FGFR1 beta (IIIc) (Lys158-Thr355) Accession # P11362-7</p> <p>N-term His Avi C-term</p>
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized AntiFGFR1 Antibody, hFc Tag at 2µg/ml (100µl/Well) on the plate can bind FGFR1 beta (IIIc), His & Avi, Human. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	25.23 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 45-55 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target 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.

Synonyms : FGFR-1; BFGFR; bFGF-R-1; FLT-2;N-sam; CD331

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