

Recombinant Biotinylated Human FGFR2 α Protein(C-His-Avi)

abs04973

Overview

Synonym

FGF R2a; FGFR2 alpha; KGFR; CD332; Keratinocyte growth factor receptor

Source

Human

Source

Biotinylated Recombinant Human FGFR2 alpha (IIIb) Protein is expressed from mammalian with a His tag and AviTag at the C-terminal.;It contains Arg22-Glu378.

Molecular Weight

The protein has a predicted MW of 42.5 kDa.Due to glycosylation, the protein migrates to 70-110KDa based on Bis-Tris PAGE result.

Form

Lyophilized from 0.22um filtered solution in PBS (pH 7.4).Normally 5 % trehalose is added as protectant before lyophilization.

Properties

Sequence

Arg22-Glu378

label

C-His-Avi

Purity

>95% as determined by Tris-Bis PAGE;>95% as determined by HPLC

Endotoxin Level

Less than 1 EU per μg by the LAL method.

Storage Temp.

The product should be stored at $-70\text{ }^{\circ}\text{C}$ or $-20\text{ }^{\circ}\text{C}$

Target

Background

Four distinct genes encoding closely related FGF receptors, FGF R1 – 4, are known. All four genes for FGF Rs encode proteins with an N-terminal signal peptide, three immunoglobulin (Ig)-like domains, an acid-box region containing a run of acidic residues between the IgI and IgII domains, a transmembrane domain and the split tyrosine-kinase domain. Multiple forms of FGF R1 – 3 are generated by alternative splicing of the mRNAs. A frequent splicing event involving FGF R1 and 2 results in receptors containing all three Ig domains, referred to as the alpha isoform, or only IgII and IgIII, referred to as the beta isoform.

Accession

P21802-3

This product is for research use only. Not for use in diagnostic prodcedures.