

Recombinant Human FGFR-4/CD334 (V550L) Kinase

Catalog No.: RP03388LQ

Sequence Information

Species	Gene ID
Human	2264
Swiss Prot	Tags
P22455	N-His-GST

Synonyms

FGFR4; FGFR-4; JTK2; TKF;
CD334; Fibroblast growth factor
receptor 4

Product Information

Source	Purification
Baculovirus- Insect Cells	≥ 80 % as determined by SDS-PAGE; ≥ 80 % as determined by HPLC.

Calculated MW Observed MW

65.7 kDa 55-65 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Supplied as a 0.22 μm filtered
solution in 50 mM HEPES, 200 mM
NaCl, 20% glycerol, 1 mM DTT. (pH
7.5). Contact us for customized
product form or formulation.

Reconstitution

Please use running water to thaw
it quickly.

Background

Fibroblast growth factor receptor 4 (FGFR-4) is a protein that in humans is encoded by the FGFR4 gene. FGFR4 has also been designated as CD334 (cluster of differentiation 334). FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. In a meta-analysis study, the functional polymorphism Gly388Arg (rs351855) of FGFR4 was observed to be significantly associated with nodal involvement and overall survival in patients with different types of cancer.

Basic Information

Description

Recombinant Human FGFR-4/CD334 (V550L) Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Trp460-Thr802 (V550L)) of Human FGFR4 (Accession #P22455) fused with a N-His-GST tag.

Activity

The activity of FGFR4 is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

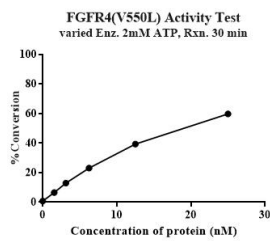
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

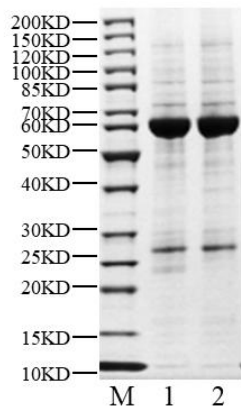
Contact

		400-999-6126
		cn.market@abclonal.com.cn
		www.abclonal.com.cn

Validation Data



The activity of FGFR4 is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.



Recombinant Human FGFR-4/CD334 (V550L) Kinase was resolved with SDS-PAGE under reducing (Lane 1) and non-reducing (Lane 2) conditions.