

RP03388LQ

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Recombinant Human FGFR-4/CD334 (V550L) Kinase

Catalog No.: RP03388LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Baculovirus- Insect Cells	2264	P22455

Tags

N-His-GST

Synonyms

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

Product Information

Source

Purification

≥ 80 % as determined by SDS-PAGE; ≥ 80 % as determined by HPLC.

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.

Contact



www.abclonal.com

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.

Bio-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

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

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

Storage

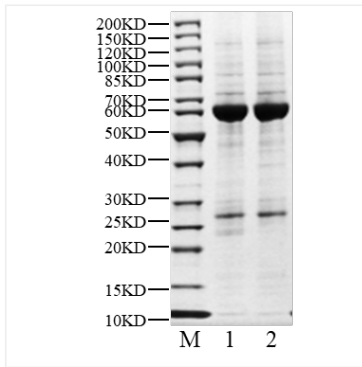
Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Aliquots below 10 μL are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.

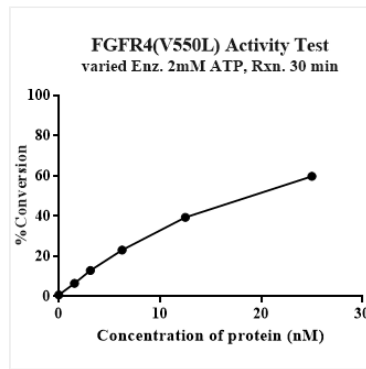
Avoid repeated freeze/thaw cycles.

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Validation Data



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



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