

Catalog No.: RP03387LQ **Recombinant**

Species	Gene ID	Swiss Prot
Human	2264	P22455

N-Flag

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

Source	Purification
Baculovirus-Insect Cells	≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

Calculated MW	Observed MW
41.9 kDa	30-40 kDa

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

Supplied as a 0.22 µm filtered solution in 50 mM HEPES, 150 mM NaCl, 1 mM DTT, 10% glycerol. (pH 7.5). Contact us for customized product form or formulation.

Please use running water to thaw it quickly.

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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.

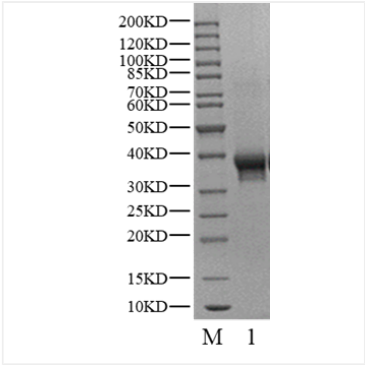
Recombinant Human FGFR-4/CD334 Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Trp460-Thr802) of Human FGFR4 (Accession #P22455) fused with a N-Flag tag.

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.

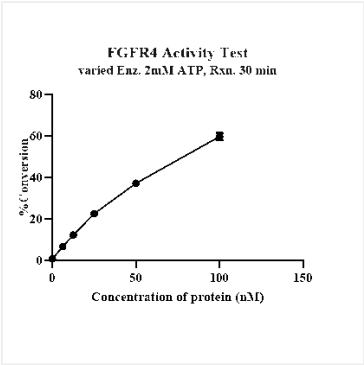
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ 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.

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



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



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