FGFR4 (V550M) Recombinant Protein | FGFR4 recombinant protein

FGFR4 (V550M), Active

CATALOG #	HOST	APPLICATIONS
AAA73560	**Sf9 insect cells**	**Kinase Assay**

PRODUCT SYNONYMS

FGFR4 (V550M); Active; TKF; JTK2; CD334; MGC20292; FGFR4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for FGFR4 recombinant protein	Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES

SDS-PAGE
Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.

Activity
Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for FGFR4 recombinant protein	Recombinant human FGFR4 (V550M)(460-end) was expressed by baculovirus in Sf9 cells using an N-terminal GST tag. The gene accession number is NM_002011. FGFR4 is a member of the fibroblast growth factor receptor family which play a role in mitogenesis and differentiation (1). FGFR4 preferentially binds acidic fibroblast growth factor and is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis. FGFR4 gene expression is up-regulated in doxorubicin-treated, apoptosis-resistant cancer cell clones (2). Ectopic expression of FGFR4 in cancer cells leads to reduced apoptosis sensitivity on treatment with doxorubicin or cyclophosphamide, whereas knockdown of endogenous FGFR4 expression in breast cancer cell lines has the opposite effect.
Product Categories/Family for FGFR4 recombinant protein	Mutant Kinases; AKT/PKB Pathway; Angiogenesis; Cancer; ERK/MAPK Pathway; Invasion/Metastasis; Receptor Tyrosine Kinases

References	1. Holtrich, U.;: Two additional protein-tyrosine kinases expressed in human lung: fourth member of the fibroblast growth factor receptor family and an intracellular protein-tyrosine kinase. Proc. Nat. Acad. Sci. 88: 10411-10415, 1991. 2. Roidl, A. et al: Resistance to chemotherapy is associated with fibroblast growth factor receptor 4 up-regulation. Clin Cancer Res. 2009 Mar 15;15(6):2058-66.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_002011
Molecular Weight	~65kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/fgfr4-v550m-recombinant-protein-sf9-insect-cells-kinase-assay/73560