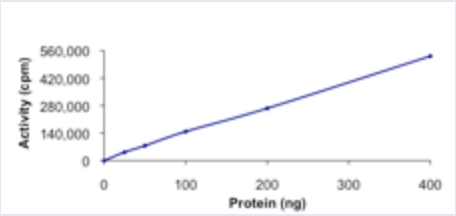
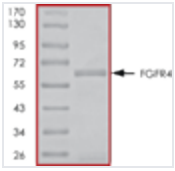
FGFR4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	FGFR4, Recombinant Protein
Full Product Name	FGFR4, Active
Product Gene Name	FGFR4 recombinant protein
Product Synonym Names	TKF; JTK2; CD334; MGC20292
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.
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.
Molecular Weight	~65kDa
Tag	GST
Species	Human
Dry Ice Shipment	Extra charge fee may add to your shipping cost as dry ice is required to ship this product.
Product Categories/Family for FGFR4 recombinant protein	Protein Kinases; AKT/PKB Pathway; Angiogenesis; Cancer; ERK/MAPK Pathway; Receptor Tyrosine Kinases
Applications Tested/Suitable for FGFR4 recombinant protein	Kinase Assay, Western Blot (WB)
Related Product Information for FGFR4 recombinant protein	Recombinant human FGFR4 (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 References and Citations for FGFR4 recombinant protein	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.
Other Notes	Small volumes of FGFR4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FGFR4 purchase	MBS516976 is a recombinant protein targeting FGFR4. Also known as FGFR4, Active. Host: Sf9 insect cells.



Activity of FGFR4 recombinant protein
Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.



SDS-Page of FGFR4 recombinant protein
Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGFR4. It may not necessarily be applicable to this product.

GenBank Nucleotide #	NM_002011
Protein Family	Fibroblast growth factor receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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