

FGFR1OP-FGFR1 recombinant protein

FGFR1OP-FGFR1 Mutant, Active

CATALOG # AAA72984	HOST Sf9 insect cells using baculovirus	APPLICATIONS Kinase Assay
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PRODUCT SYNONYMS

FGFR1OP-FGFR1; FGFR1OP-FGFR1 Mutant, Active; FGFR1OP-FGFR1 recombinant protein

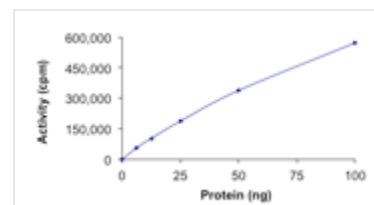
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	1-173 (FGFR1OP) 429-end (FGFR1)
Sequence Length	1506
Applicable Applications for FGFR1OP-FGFR1 recombinant protein	Kinase Assay
Species	Human
Tag	GST tag
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



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for FGFR1OP-FGFR1 recombinant protein	Description: Recombinant human fusion protein FGFR1OP (1-173)-FGFR1 (429-end) was expressed by baculovirus in Sf9 cells using an N-terminal GST tag. Scientific Background: FGFR1 (also known as FLT2) is a member of the Fibroblast Growth Factor Receptor family that constitute a family of four membrane-spanning tyrosine kinases (FGFR1-4) which serve as high-affinity receptors for 17 growth factors (FGF1-17). The FGF Receptor family plays an important role in multiple biological processes, including mesoderm induction and patterning, cell growth and migration, organ formation and bone growth (1). FGFR1 is alternatively spliced generating multiple splice variants that are differentially expressed during embryo development and in the adult body (2).
Product Categories/Family for FGFR1OP-FGFR1 recombinant protein	Enzymes; Active Kinase Mutants

References

1. Xu, X. et al: Fibroblast growth factor receptors (FGFRs) and their roles in limb development. Cell Tissue Res. 1999 Apr;296 (1):33-43. 2. Groth, C. et al: The structure and function of vertebrate fibroblast growth factor receptor 1. Int J Dev Biol. 2002;46 (4):393-400.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40225858
NCBI GeneID	11116
Molecular Weight	108 kDa
NCBI Official Full Name	Homo sapiens FGFR1 oncogene partner, mRNA
NCBI Official Synonym Full Names	FGFR1 oncogene partner
NCBI Official Symbol	FGFR1OP
NCBI Official Synonym Symbols	FOP
NCBI Protein Information	FGFR1 oncogene partner
UniProt Protein Name	FGFR1 oncogene partner
UniProt Gene Name	FGFR1OP
UniProt Synonym Gene Names	FOP

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://www.aaabiotech.com/fgfr1op-recombinant-protein-sf9-insect-cells-using-baculovirus-kinase-assay/72984>