

FGFR4 / FGF Receptor 4 Recombinant Protein | FGFR4 recombinant protein

Recombinant Rat FGFR4 / FGF Receptor 4 Protein (His tag)

CATALOG # AAA173602	HOST HEK293 Cells
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PRODUCT SYNONYMS

FGFR4 / FGF Receptor 4; Recombinant Rat FGFR4 / FGF Receptor 4 Protein (His tag); FGFR4; FGFR4 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween 80.
Sequence	Met1-Asp36 7
Species	Rat
Tag	C-His
Endotoxin	< 1.0 EU per ug of the protein as determined by the LAL method
Reconstitution	It is recommended that sterile water(400ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -70 degree C.Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Shipping: In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FGFR4 recombinant protein	Fibroblast growth factor receptor 4 (FGFR4) also known as CD334 antigen or tyrosine kinase related to fibroblast growth factor receptor, is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. 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. The extracellular portion of FGFR4/CD334 interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. FGFR4/CD334 preferentially binds acidic fibroblast growth factor and, although its specific function is unknown, it is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis. FGFR4/CD334 signaling is down-regulated by receptor internalization and degradation; MMP14 promotes internalization and degradation of FGFR4/CD334. Mutations in FGFR4/CD334 lead to constitutive kinase activation or impair normal FGFR4 inactivation lead to aberrant signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158186625
NCBI GeneID	25114
NCBI Accession #	NP_001103374.1
NCBI GenBank Nucleotide #	NM_001109904.1
UniProt Accession #	Q498D6
Molecular Weight	Mol Mass: 40.3 kDa AP Mol Mass: 64-68 kDa
NCBI Official Full Name	fibroblast growth factor receptor 4
NCBI Official Synonym Full Names	fibroblast growth factor receptor 4
NCBI Official Symbol	Fgfr4
NCBI Protein Information	fibroblast growth factor receptor 4
UniProt Protein Name	Fibroblast growth factor receptor 4
UniProt Gene Name	Fgfr4
UniProt Synonym Gene Names	FGFR-4

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/fgfr4-recombinant-protein-hek293-cells/173602>