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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FGFR1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00002260-T03

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

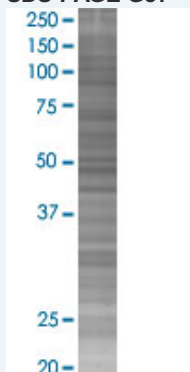
Plasmid: pCMV-FGFR1 full-length

Host: Human

Theoretical MW (kDa): 81.9

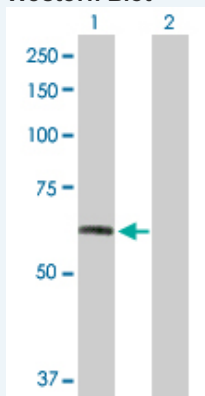
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-FGFR1 antibody ([H00002260-D01P](#)) by Western Blots.

SDS-PAGE Gel



FGFR1 transfected lysate.

Western Blot



Lane 1: FGFR1 transfected lysate (81.90 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [2260](#)

**GeneBank
Accession#:** [NM_023106.2](#)

**Protein
Accession#:** [NP_075594.1](#)

Gene Name: FGFR1

Gene Alias: BFGFR,CD331,CEK,FGFBR,FLG,FLJ99988,FLT2,HBGFR,KAL2,N-SAM

**Gene
Description:** fibroblast growth factor receptor 1

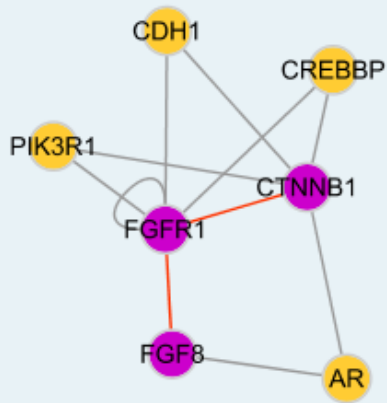
Omim ID: [101600](#), [123150](#), [136350](#), [147950](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) 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 consists 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 the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, and autosomal dominant Kallmann syndrome 2. Chromosomal aberrations involving this gene are associated with stem cell myeloproliferative disorder and stem cell leukemia lymphoma syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]

**Other
Designations:** FMS-like tyrosine kinase
2,OTTHUMP00000190874,OTTHUMP00000190878,OTTHUMP00000190879,OTTHUMP00000190881,basic fibroblast growth factor receptor 1,fms-related tyrosine kinase 2,fms-related tyrosine kinase-2,heparin-binding growth factor receptor,hydroxyaryl

Interactome



Gene Pathway

[Adherens junction](#) [MAPK signaling pathway](#) [Melanoma](#) [Pathways in cancer](#) [Prostate cancer](#)
[Regulation of actin cytoskeleton](#)

Related Disease

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