

Datasheet for ABIN5854969  
**FGFR1 Protein (AA 22-376) (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	FGFR1
Protein Characteristics:	AA 22-376
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGFR1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	RPSPTLPEQA QPWGAPVEVE SFLVHPGDLL QLRCRLRDDV QSINWLRDGV QLAESNRTRI TGEEVEVQDS VPADSGLYAC VTSSPSGSDT TYFSVNVSDA LPSEDDDDDD DDSSEEKET DNTKPNRMPV APYWTSPEKM EKKLHAVPAA KTVKFKCPSS GTPNPTLRWL KNGKEFKPDH RIGGYKVRYA TWSIIMDSVV PSDKGNYSINH VENEYGSINH TYQLDVVERS PHRPILQAGL PANKTVALGS NVEFMCKVYS DPQPHIQWLK HIEVNGSKIG PDNLPYVQIL KTAGVNTTDDK EMEVLHLRNV SFEDAGEYTC LAGNSIGLSH HSAWLTVLEA LEERPAMTS PLYLELEHHH HHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

## Target Details

Target:	FGFR1
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## Target Details

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Alternative Name: [FGFR1 \(FGFR1 Products\)](#)

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Background: FGFR1, also known as fibroblast growth factor receptor 1, is a receptor tyrosine kinase whose ligands are specific members of the fibroblast growth factor family. It is involved in a multitude of physiological and pathological cellular processes, including cell growth, differentiation, angiogenesis, wound healing and tumorigenesis. The biological activities of the FGFs are mediated by a family of type I transmembrane tyrosine kinases which undergo dimerization and auto-phosphorylation after ligand binding. Recombinant human FGFR1 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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Molecular Weight: 40.4kDa (363aa) 40-57KDa (SDS-PAGE under reducing conditions.)

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NCBI Accession: [NP\\_075598](#)

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UniProt: [P11362](#)

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Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Sensory Perception of Sound](#), [Stem Cell Maintenance](#), [S100 Proteins](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 0.5 mg/mL

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Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

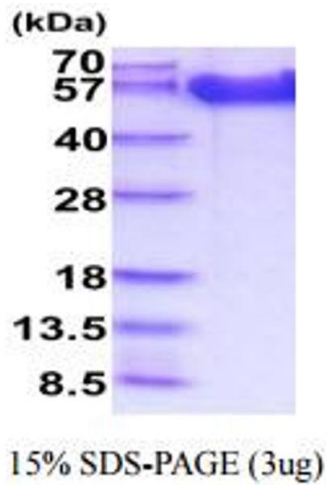
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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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SDS-PAGE

Image 1.