

For Research Use Only

Recombinant Human FGFR1 protein (Myc Tag, His Tag)



Catalog Number: Eg0185

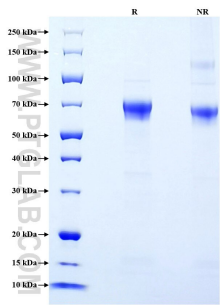
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: Myc Tag, His Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human FGFR1 protein Ala25-Pro378 (Accession# Q8N441) with a Myc tag and a His tag at the C-terminus. GeneID: 53834 Accession: Q8N441 Predicted Molecular Mass: 43.9 kDa SDS-PAGE: 60-75 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Fibroblast growth factor receptor-like 1 (FGFR1) is a member of the FGFR family. It is a type I transmembrane protein which contains three extracellular Ig-like modules, a transmembrane segment, and a short intracellular tail with a peculiar histidine-rich motif. It lacks the intracellular protein tyrosine kinase domain required for signal transduction by transphosphorylation. FGFR1 binds to FGF ligands and heparin with high affinity. It exerts a negative effect on cell proliferation, but a positive effect on cell adhesion and cell differentiation.		
References	1. M Wiedemann, et al. (2000) Genomics. 69(2):275-9. 2. Beat Trueb, et al. (2003) J Biol Chem. 278(36):33857-65. 3. Beat Trueb. (2011) Cell Mol Life Sci. 68(6):951-64. 4. Xiaochen Yang, et al. (2016) Int J Mol Med. 38(1):30-8.		
Synonyms	FGFR1, FGF homologous factor receptor, FGF receptor like protein 1, FGF receptor-like protein 1, FGFR 5		

For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Purity of Recombinant Human FGRL1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.