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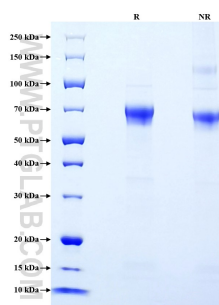
Recombinant Human FGFR1 protein (Myc Tag, His Tag)



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		

Selected Validation Data



Purity of Recombinant Human FGFR1 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.

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

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