

FGFR1

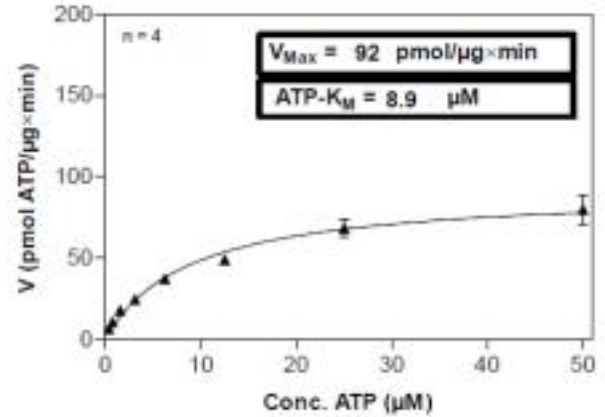
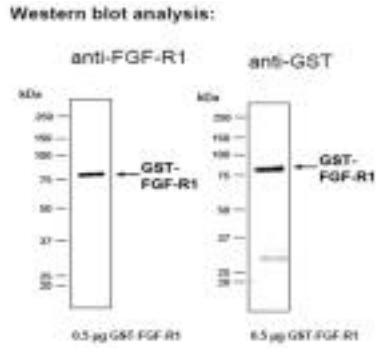
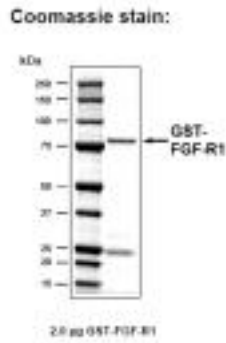
Recombinant Human FGF R1 (Gly₄₀₀-Arg₈₂₀) Active GST-His

Catalog No.	CRF031	Quantity:	50 µg
Alternate Names:	BFGFR, CD331, CEK, FGFBR, FLG, FLJ99988, FLT2, HBGFR, KAL2, N-SAM, OGD, FMS-like tyrosine kinase 2, basic fibroblast growth factor receptor 1, fms-related tyrosine kinase 2, fms-related tyrosine kinase-2, heparin-binding growth factor receptor, hydroxyaryl-protein kinase, soluble FGFR1 variant 1, soluble FGFR1 variant 2		
Description:	Human FGF-R1 wt Amino acids G ₄₀₀ -R ₈₂₀ (as in GenBank entry NM_015850)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site. *Sequence may contain documented polymorphisms. Detailed sequence on request		
Concentration:	0.107 µg/µl		
Gene ID:	2260		
Protein Accession No:	NM_015850		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 78,097 Da		
Formulation:	50 mM Tris-HCl + pH 8.0 + 100 mM NaCl + 5 mM DTT + 4 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	FGF-R1 wt, was confirmed as human FGF-R1 by mass spectroscopy LC-ESI-MS/MS		
Specific Activity:	92 pmol/µg×min Method for determination of K _m value and specific activity: • Assay conditions: 60 mM HEPES-NaOH, pH 7.5 3 mM MgCl ₂ 3 mM MnCl ₂ 3 µM Na-orthovanadate 1.2 mM DTT 50 µg / ml PEG _{20,000} ATP (variable) Substrate: Poly(Glu,Tyr) _{4:1} (Sigma P-0275), 10 µg / ml Recombinant FGF-R1 wt: 1.0 µg / ml • Filter binding assay MSFC membrane (Millipore)		



Storage & Stability: Store in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**

Determination of K_m value for ATP:



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

