

FGFR4

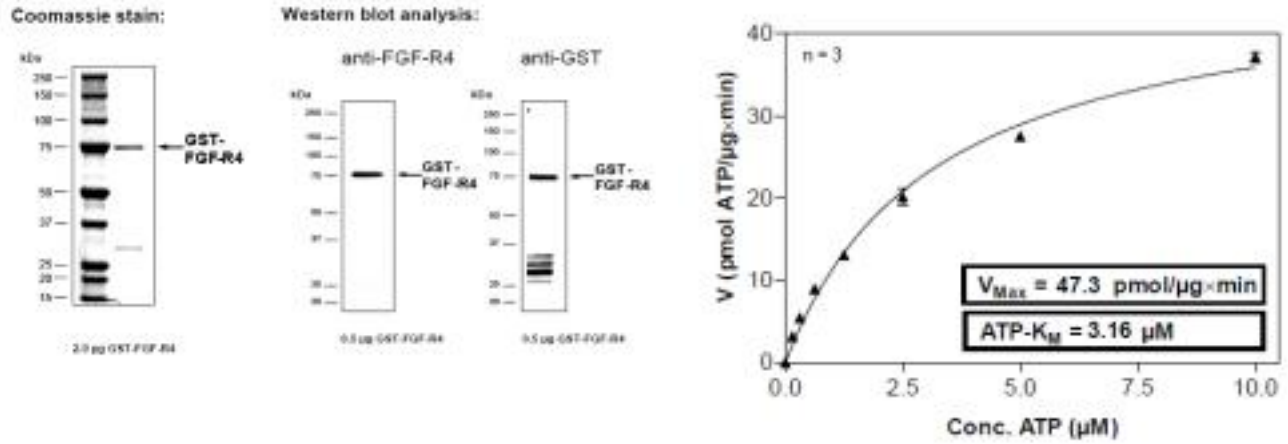
Recombinant Human FGF R4 (Arg₃₉₁-Thr₈₀₂) Active GST-His

Catalog No.	CRF033	Quantity:	50 µg
Alternate Names:	CD334, JTK2, MGC20292, TKF, hydroxyaryl-protein kinase, protein-tyrosine kinase, tyrosine kinase related to fibroblast growth factor receptor, tyrosylprotein kinase		
Description:	Human FGF-R4. Amino acids R ₃₉₁ -T ₈₀₂ (as in GenBank entry NM_002011)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site. *Sequence may contain documented polymorphisms Detailed sequence on request.		
Concentration:	0.245 µg/µl		
Gene ID:	2264		
Protein Accession No:	NM_00211		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 75,726 Da		
Formulation:	50 mM Tris-HCl + pH 8.0 + 100 mM NaCl + 5 mM DTT + 15 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose.		
Product Identity:	FGF-R4 was confirmed as FGF-R4 by specific Western Blotting using anti FGF-R4 antibody		
Specific Activity:	47 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 2.5 µg / 50 µl PEG _{20,000} ATP (variable) Substrate: Poly(Glu,Tyr) _{4:1} (Sigma P-0275), 2 µg / 50 µl Recombinant FGF-R4: 100 ng / 50 µl • Filter binding assay MAFC 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.

