

Recombinant Human FGFR4 Protein, His tag

产品信息

产品名称	产品编号	规格
Recombinant Human FGFR4 Protein, His tag	93400ES25	25 µg
	93400ES60	100 µg
	93400ES76	500 µg
	93400ES80	1 mg

产品简介

Fibroblast growth factor receptor 4 (FGFR4) is also known as CD334. A member of the fibroblast growth factor receptor family, its amino acid sequence is highly conserved among members and throughout evolution. These receptor proteins play a role in important processes such as cell division, regulation of cell growth and maturation, blood vessel formation, wound healing, and embryonic development. The exact function of FGFR4 remains unclear, but studies have shown that the gene is involved in muscle development and maturation of calvarial osteocytes, and the protein is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis.

性能参数

Synonyms	CD334;FGFR4,CD334,JTK2,MGC20292,TKF
Uniprot No.	P22455-1
Source	Recombinant Human FGFR4 Protein is expressed from HEK293 Cells with His tag at the C-terminal. It contains Leu 22 - Asp 369
Molecular Weight	The protein has a predicted MW of 39.3 kDa. And it migrates as 50-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity	> 95% as determined by SDS-PAGE.
Endotoxin	<1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge tubes before opening.The concentration of protein solution used for lyophilization is generally 1mg/mL. Dissolve lyophilized protein with sterile water to ensure the concentration is greater than 100 µg/mL.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

产品数据

SDS-PAGE

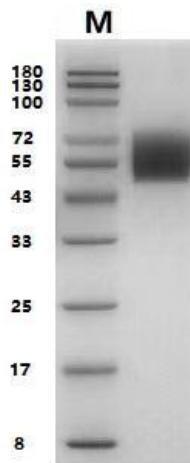


Figure 1. Human FGFR4 on SDS-PAGE under reduced condition. The purity is greater than 95%.

Bioactivity -SPR Data

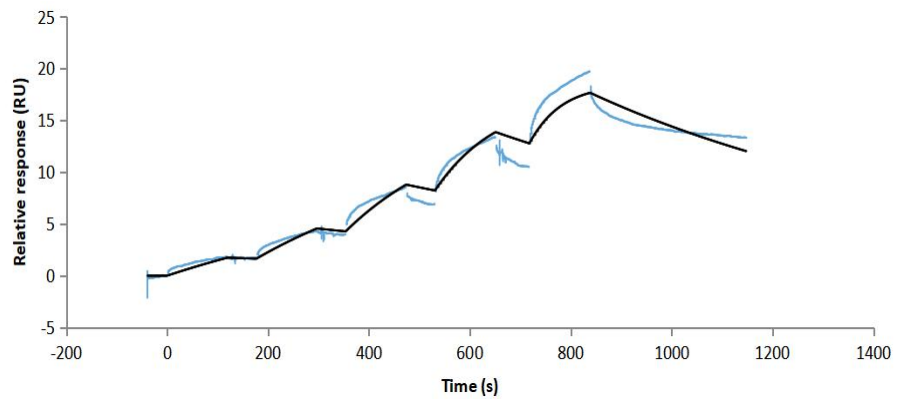


Figure 2 . Human FGF basic ,tag free immobilized on CM5 chip can bind human FGFR4, his Tag with an affinity constant of 8.46×10^{-9} M as determined in a SPR assay (Biacore 8K).