

ARG70256 Human FGFR4 recombinant protein (Active) (ECD) (Fc-His-tagged, Cter)

Summary

Product Description	HEK293 expressed, Fc-His-tagged (C-ter) Active Human FGFR4 recombinant protein (ECD).
Tested Reactivity	Hu
Tested Application	Binding, FuncSt, SDS-PAGE
Target Name	FGFR4 (ECD)
Species	Human
A.A. Sequence	Leu22 - Asp369 of Human FGFR4 (NP_998812.1) with an Fc-6X His tag at the C-terminus.
Expression System	HEK293
Activity	Active
Activity Note	Measured by its ability to inhibit FGF-acidic dependent proliferation of Balb/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.03-0.12 ng/ml.
Alternate Names	TKF; FGFR-4; CD antigen CD334; JTK2; CD334; EC 2.7.10.1; Fibroblast growth factor receptor 4

Application Instructions

Application Note	Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized recombinant human FGF2 at 1 ug/ml (100 μ l/well) can bind recombinant human FGFR4 with a linear range of 30-125 ng/ml. Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized recombinant human FGFR4 at 5ug/ml (100 μ l/well) can bind recombinant human FGF12 with a linear range of 35-100ng/ml.
	Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized recombinant human FGFR4 at 5ug/ml (100 μ l/well) can bind recombinant human FGF12 with a linear range of 35-100ng/ml.

Properties

Form	Powder
Purification Note	0.22 μ m filter sterilized. Endotoxin level is 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1 - 0.5 mg/ml in sterile distilled water.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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Images



ARG70256 Human FGFR4 recombinant protein (Active) (ECD) (Fc-Histagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70256 Human FGFR4 recombinant protein (Active) (ECD) (Fc-His-tagged, C-ter).