Active Recombinant Rat Fgfr2 protein, His-tagged, Low Endotoxin

Cat. No. Fgfr2-9080R **Lot. No.** (See product label)

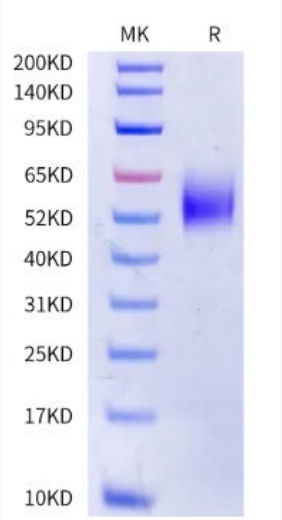
SPECIFICATION

Product Overview	Recombinant Rat Fgfr2 protein(F1LRU8)(84-308 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	84-308 aa
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Rat FGFR2 beta (IIIb), His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-FGFR2 (IIIb) Antibody, hFc Tag with the EC50 of 3.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 26.86 kDa. Due to glycosylation, the protein migrates to 60-90 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

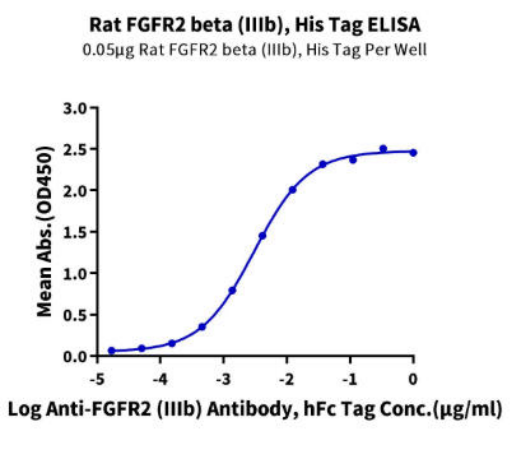
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	reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	Fgfr2 fibroblast growth factor receptor 2 [Rattus norvegicus]
Official Symbol	Fgfr2
Synonyms	FGFR2; fibroblast growth factor receptor 2;
Gene ID	25022
mRNA Refseq	NM_001109892
Protein Refseq	NP_001103362
Bis-Tris PAGE	

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ELISA Data	

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