

Active Recombinant Rat Figf protein, hFc-tagged

Cat. No. Figf-8715R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Figf protein(NP_113949.1)(Phe94-Arg210), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Phe94-Arg210
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized recombinant Rat VEGF-Dprotein at 10 μ g/mL (100 μ well) can bind biotinylated mouse VEGFR3-Fc with a linear range of 31.25-2000 ng/mL.
Molecular Mass	The recombinant Rat FIGF/Fc comprises 377 amino acids and has a predicted molecular mass of 41.6 kDa. The apparent molecular mass of the protein is approximately 52 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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GENE INFORMATION

Gene Name	Figf c-fos induced growth factor (vascular endothelial growth factor D) [Rattus norvegicus]
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Official Symbol	Figf
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Synonyms	FIGF; c-fos induced growth factor (vascular endothelial growth factor D); Vegf-d;
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Gene ID	83570
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