

## Active GMP Recombinant Mouse Prok1 protein, Fc-tagged

**Cat. No.** Prok1-078MG    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Mouse Prok1 protein(NP_001037847.1)(319 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Mouse EG-VEGF(NCBI: NP_001037847.1) was expressed with Fc tag at the C-terminal.
<b>Form</b>	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
<b>Bio-activity</b>	EJG bovine adrenal endothelial cells were used for cell proliferation to determine their activity. The ED50 of this effect is 1-4 g/mL.
<b>Molecular Mass</b>	Recombinant Mouse EG-VEGF contains 319 aa. It has a predicted MW of 36.6 kDa.
<b>Endotoxin</b>	<=0.01EU/ug
<b>Purity</b>	>=95% by SDS-PAGE and HPLC
<b>Storage</b>	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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.

## GENE INFORMATION

**Gene Name** Prok1 prokineticin 1 [ Mus musculus ]

**Official Symbol** Prok1

**Synonyms** EG-VEG; EG-VEGF

**Gene ID** 246691

**mRNA Refseq** NM\_001044382

**Protein Refseq** NP\_001037847

**UniProt ID** Q14A28

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