

Active GMP Recombinant Mouse Prok1 protein, Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
ProteinLength	DNA sequence encoding Mouse EG-VEGF(NCBI: NP_001037847.1) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	EJG bovine adrenal endothelial cells were used for cell proliferation to determine their activity. The ED50 of this effect is 1-4 µg/mL.
Molecular Mass	Recombinant Mouse EG-VEGF contains 319 aa. It has a predicted MW of 36.6 kDa.
Endotoxin	≤0.01EU/ug
Purity	≥95% by SDS-PAGE and HPLC
Storage	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]
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Official Symbol	Prok1
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Synonyms	EG-VEG; EG-VEGF
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Gene ID	246691
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mRNA Refseq	NM_001044382
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Protein Refseq	NP_001037847
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UniProt ID	Q14A28
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