

Recombinant Mouse Prok1 Protein, His&SUMO-tagged

Cat. No. Prok1-1200M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prok1 Protein (Met1-Phe105) with His&SUMO tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Phe105
Description	Predicted to enable G protein-coupled receptor binding activity. Acts upstream of or within positive regulation of MAPK cascade; positive regulation of cell population proliferation; and regulation of angiogenesis. Located in extracellular region. Is expressed in embryo; liver; lung; metanephros; and testis. Orthologous to human PROK1 (prokineticin 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.4 kDa; Accurate Molecular Mass: 27 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Prok1 prokineticin 1 [Mus musculus (house mouse)]

Official Symbol

Prok1

Synonyms

Prok1; prokineticin 1; EG-VEGF; prokineticin-1; endocrine-gland-derived vascular endothelial growth factor

Gene ID

246691

mRNA Refseq

NM_001044382

Protein Refseq

NP_001037847

UniProt ID

Q14A28

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