Recombinant Rat Mdk protein, His-tagged

Cat. No. Mdk-637R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mdk aa. (Ala22~Asp140) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala22~Asp140
Description	Heparin-binding growth factor; involved in early fetal development of the rat adrenal.
Form	Freeze-dried powder
Molecular Mass	17kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.3.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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°C for 48h,

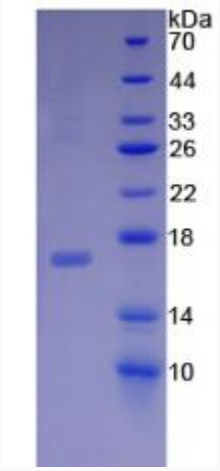
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	and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Mdk midkine [Rattus norvegicus (Norway rat)]
Official Symbol	Mdk
Synonyms	Mdk; midkine; MK
Gene ID	81517
mRNA Refseq	NM_030859.2
Protein Refseq	NP_110486.1
UniProt ID	Q9R1S9

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SDS-PAGE	

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