Recombinant Rat Plg protein, His-tagged

Cat. No. Plg-573R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Plg (Q01177) aa. (Glu191~Arg433) fused with His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu191~Arg433
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.2kDa; Accurate Molecular Mass: 38kDa as determined by SDS-PAGE reducing conditions.
Purity	>95%
Characteristic	Isoelectric point is 7.9.
Applications	Cell culture; Activity Assays.
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, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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	Plg plasminogen [Rattus norvegicus (Norway rat)]
Official Symbol	Plg
Synonyms	Plg; plasminogen; Ab1-346;
Gene ID	85253
mRNA Refseq	NM_053491.2
Protein Refseq	NP_445943.1
UniProt ID	Q01177

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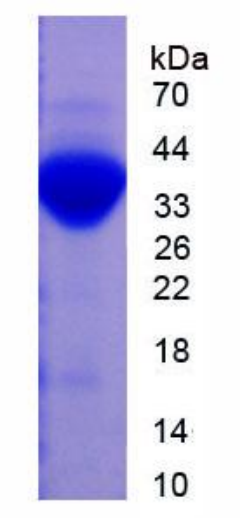
SDS-PAGE	

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