

Recombinant Mouse Pappa protein, His & GST-tagged

Cat. No. Pappa-7723M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pappa aa. (Phe999~Asn1272) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Phe999~Asn1272
Form	Freeze-dried powder
Molecular Mass	60kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; 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, and no obvious degradation and precipitation were observed. The loss rate is less

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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	200µg/mL
Storage buffer	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

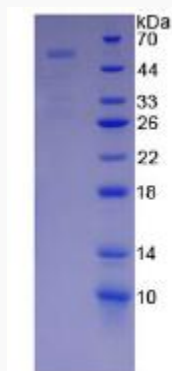
Gene Name	Pappa pregnancy-associated plasma protein A [<i>Mus musculus</i> (house mouse)]
Official Symbol	Pappa
Synonyms	PAG1; PAPP-A; IGFBP-4ase; 8430414N03Rik; IGF-dependent IGFBP-4 protease; insulin-like growth factor-dependent IGF-binding protein 4 protease; pappalysin-1
Gene ID	18491
mRNA Refseq	NM_021362.1
Protein Refseq	NP_067337.1
UniProt ID	Q8R4K8

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SDS-PAGE



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