

## Recombinant Rat Dppa3 Protein, His&GST-tagged

**Cat. No.** Dppa3-1378R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Dppa3 Protein (Met1-Asn158) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Asn158
<b>Description</b>	Predicted to enable methylated histone binding activity. Predicted to be involved in negative regulation of DNA demethylation; protection of DNA demethylation of female pronucleus; and regulation of genetic imprinting. Predicted to act upstream of or within embryonic cleavage. Predicted to be located in cytoplasm; female pronucleus; and male pronucleus. Predicted to be active in nucleus. Orthologous to human DPPA3 (developmental pluripotency associated 3).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 48.8 kDa Accurate Molecular Mass: 49 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	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 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	Dppa3 developmental pluripotency-associated 3 [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	Dppa3
<b>Synonyms</b>	DPPA3; developmental pluripotency-associated 3; developmental pluripotency-associated protein 3;
<b>Gene ID</b>	297576
<b>mRNA Refseq</b>	NM_001047864
<b>Protein Refseq</b>	NP_001041329
<b>UniProt ID</b>	Q6IMK0

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