

Recombinant Rat Dppa3 Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Dppa3 Protein (Met1-Asn158) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Asn158
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.8 kDa Accurate Molecular Mass: 49 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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

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