

# Recombinant Human developmental pluripotency associated 4, His-tagged

**Cat. No.** DPPA4-245H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	DPPA4, 1-304aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-304 a.a.
<b>Description</b>	DPPA4 may be involved in the maintenance of active epigenetic status of target genes and may inhibit differentiation of embryonic cells into a primitive ectoderm lineage. Recombinant human DPPA4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
<b>Molecular Mass</b>	35.9 kDa (327aa), confirmed by MALDI-TOF
<b>AA Sequence</b>	<p>MGSSHHHHHH SGLVPRGSH MGSMLRGSAS STSMEKAKGK EWTSTEKSRE  EDQQASNQPN SIALPGTSAK RTKEKMSIKG SKVLCPPKKA EHTDNPRPQK  KIPIPLPSK LPPVNLHRD ILRAWCQQLK LSSKGQKLDA YKRLCAFAYP  NQKDFPSTAK EAKIRKSLQK KLKVEKGETS LQSSETHPPE VALPPVGEPP  ALENSTALLE GVNTVVVTTTS APEALLASWA RISARARTPE AVESPQEASG  VRWCVVHGKS LPADTDGWVH LQFHAGQAWV PEKQEGRVSA LLLLPSNFP</p>

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PPHLEDNMLC PKCVHRNKVL IKSLQWE

**Purity** >85% by SDS - PAGE

**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** DPPA4 developmental pluripotency associated 4 [ Homo sapiens ]

**Official Symbol** DPPA4

**Synonyms** DPPA4; developmental pluripotency associated 4; developmental pluripotency-associated protein 4; FLJ10713; 2410091M23Rik;

**Gene ID** 55211

**mRNA Refseq** NM\_018189

**Protein Refseq** NP\_060659

**MIM** 614125

**UniProt ID** Q7L190

**Chromosome Location** 3q13.13

**Function** protein binding;

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