## NKMAXBIO We support you, we believe in your research

### Recombinant human DPPA4 protein

Catalog Number: ATGP2199

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-304aa

#### UniProt No.

07L190

#### **NCBI Accession No.**

NP 060659

#### **Alternative Names**

Developmental pluripotency associated 4, 2410091M23Rik

#### PRODUCT SPECIFICATION

#### **Molecular Weight**

35.9 kDa (327aa) confirmed by MALDI-TOF

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

#### **Purity**

> 85% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

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.

#### **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSMLRGSAS STSMEKAKGK EWTSTEKSRE EDQQASNQPN SIALPGTSAK RTKEKMSIKG SKVLCPKKKA EHTDNPRPQK KIPIPPLPSK LPPVNLIHRD ILRAWCQQLK LSSKGQKLDA YKRLCAFAYP NQKDFPSTAK



# NKMAXBio We support you, we believe in your research

### **Recombinant human DPPA4 protein**

Catalog Number: ATGP2199

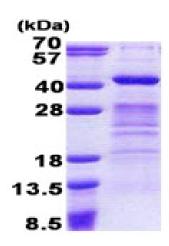
EAKIRKSLQK KLKVEKGETS LQSSETHPPE VALPPVGEPP ALENSTALLE GVNTVVVTTS APEALLASWA RISARARTPE AVESPQEASG VRWCVVHGKS LPADTDGWVH LQFHAGQAWV PEKQEGRVSA LFLLPASNFP PPHLEDNMLC PKCVHRNKVL IKSLQWE

#### **General References**

Ota T., et al. (2004) Nat. Genet. 36:40-45 Muzny D.M., et al. (2006) Nature. 440:1194-1198

#### **DATA**

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

