

Recombinant Human developmental pluripotency associated 4, His-tagged

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

SPECIFICATION

Product Overview	DPPA4, 1-304aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-304 a.a.
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	35.9 kDa (327aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMLRGSAS STSMEKAKGK EWTSTEKSRE EDQQASNQPN SIALPGTSAK RTKEKMSIKG SKVLCPPKKA EHTDNPRPQK KIPIPLPSK LPPVNLHRD ILRAWCQQLK LSSKGQKLDA YKRLCAFAYP NQKDFPSTAK EAKIRKSLQK KLKVEKGETS LQSSETHPPE VALPPVGEPP ALENSTALLE GVNTVVVTTT APEALLASWA RISARARTPE AVESPQEASG VRWCVVHGKS LPADTDGWVH LQFHAGQAWV PEKQEGRVSA LFLLPASNFP

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	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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