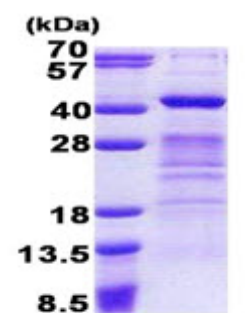


AR51023PU-N

Human DPPA4 (1-304, His-tag) - Purified

Alternate names:	Developmental pluripotency-associated protein 4
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q7L190
NCBI:	NP_060659
GeneID:	55211
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Description:	Recombinant human DPPA4 protein, fused to His-tag at N-terminus, was expressed in E. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMLRGSAS STSMKAKGK EWTSTEKSRE EDQASNQPN SIALPGTSAK RTKEKMSIKG SKVLCPPKKA EHTDNPRPQK KIPPLPSK LPPVNLHRD ILRAWCQQLK LSSKGQKLDA YKRLCAFYAP NQKDFPSTAK EAKIRKSLQK KLKVEKGETS LQSSEHPPE VALPPVGEPP ALENSTALLE GVNTVVVTTT APEALLASWA RISARARTPE AVESPQEASG VRWCVVHGKS LPADTDGWHV LQFHAGQAWV PEKQEGRVSA LFLLPASNFP PPHLEDNMLC PKCVHRNKVL IKSLQWE Molecular weight: 35.9 kDa (327aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ota T., et al. (2004) Nat. Genet. 36:40-45 Muzny D.M., et al. (2006) Nature. 440:1194-1198

Pictures:



15% SDS-PAGE (3ug)