Recombinant Human Developmental Pluripotency Associated 3, His-tagged

Cat. No. DPPA3-7168H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DPPA3 protein, fused to His-tag at N-terminus, was expressed in E. coli. MW: 20.2 kDa.
Species	Human
Source	E.coli
ProteinLength	1-159aa
Description	DPPA3 is a protein that in mice may function as a maternal factor during the preimplantation stage of development. In mice, this protein may play a role in transcriptional repression, cell division, and maintenance of cell pluripotentiality. In humans, related intronless loci are located on chromosomes 14 and X.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol.
Molecular Mass	20.2 kDa (182aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDPSQFN PTYIPGSPQM LTEENSRDDS GASQISSETL IKNLSNLTIN ASSESVSPLS EALLRRESVG AAVLREIEDE WLYSRRGVRT LLSVQREKMA RLRYMLLGGV RTHERRPTNK EPKGVKKESR PFKCPCSFCV SNGWDPSENA RIGNQDTKPL QP
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	DPPA3 developmental pluripotency associated 3 [Homo sapiens]
Official Symbol	DPPA3
Synonyms	DPPA3; developmental pluripotency associated 3; developmental pluripotency-associated protein 3; Stella; stella-related protein; STELLA;
Gene ID	359787
mRNA Refseq	NM_199286
Protein Refseq	NP_954980
MIM	608408
UniProt ID	Q6W0C5
Chromosome Location	12p13.31

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