

Recombinant Human developmental pluripotency associated 5, His-tagged

Cat. No. DPPA5-678H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPPA5, 1-116aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-116 a.a.
Description	Developmental pluripotency-associated 5 proteins, also known as DPPA5, is a 116 amino acid protein that localizes to the cytoplasm and contains one KH domain. Expressed in embryonic germ (EG), primordial germ (PG) and embryonic stem (ES) cells, DPPA5 plays an important role in the maintenance of ES cell pluripotency and may be necessary for proper embryogenesis. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Recombinant human DPPA5 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Phosphate buffer (pH 8.0) containing 10% glycerol
Molecular Mass	15.9kDa (139aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGTLPAR RHIPPWVKVP EDLKDPEVFQ VQTRLLKAIF GPDGSRIPYIEQVSKAMLEL KALESSDLTE VVYGSYLYK LRTKWMLQSM AEWHRRQRQER GMLKLAEAMN ALELGPWMK

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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	0.25mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	DPPA5 developmental pluripotency associated 5 [Homo sapiens]
Official Symbol	DPPA5
Synonyms	developmental pluripotency associated 5; 19201; Ensembl:ENSG00000203909; developmental pluripotency-associated 5 protein;embryonal stem cell specific gene 1; ESG1
Gene ID	340168
mRNA Refseq	NM_001025290.2
Protein Refseq	NP_001020461.1
MIM	611111
UniProt ID	A6NC42
Chromosome Location	6q13
Function	RNA binding;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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