

**DPPA3, 1-159aa, Human, His tag, E.coli**

**Cat.NO.: TP01917**

3th Edition

**Synonyms:**Developmental pluripotency associated 3, STELLA.

**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. Recombinant human DPPA3 protein, fused to His-tag at N-terminus, was expressed in E.coli .

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol,

**Molecular Weight:**20.2 kDa (182aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMGPSQFNPTYIPGSPQMLTEENSRDDSGASQISSETLIKNLNLINASSSV  
SPLSEALLRRESVGA AVLREI DEWLYSRRGVRTLLSVQREKMARLRYMLLG GVRTHERRPTNKEPKGVKKESRP  
FKCPCSF CVSN GWDPS ENARIGNQDTKPLQP

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.