

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:

MGSSHHHHHHSSGLVPRGSHMGSM DPSQFNPTYIPGSPQMLTEENSRDDSGASQISSETLIKNLNSNLTINASSESV
SPLSEALLRRESVGA AVLREIEDEWLYSRRGVRTLLSVQREKMARLRYMLLGGV RTHERRPTNKEPKGVKKESRP
FKCPCSF CVSN GWDPSE NARIGNQDTKPLQP

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.