

DPPA4, 1-304aa, Human, His tag, E.coli

Cat.NO.: TP01918

3th Edition

Synonyms:Developmental pluripotency associated 4, 2410091M23Rik

Description: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. Recombinant human DPPA4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:35.9 kDa (327aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMRLRGSASSTSM EKAKGKEWTST EKSREEDQQASNQPNSIALPGTSAKRTK
EKMSIKGSKVLCPPKKAEHTDNPRPQKKIPIPLPSKLPVNL IHRDILRAWCQQLKLSKGGKLDAYKRLCAFAYPN
QKDFPSTAKEAKIRKSLQKCLKVEKGETSLQSSETHPPEVALPPVGEPPALENSTALLEGVNTVVVTTSAPEALLAS
WARISARARTPEAVESPQEASGVRWCVVHGKSLPADTDGWWHLQFHAGQAWVPEKQEGRVVSALFLLPASNFPPP
HLEDNMLCPKCVHRNKVLIKSLQWE

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.