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DPPA5, 1-116aa Human, His tag, E.coli

产品货号: TP01919

第三版

别名: Developmental pluripotency-associated 5 proteins, ESG1

描述: 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.

配方: Liquid. In 20mM Phosphate buffer (pH 8.0) containing 10% glycerol

分子量: 15.9kDa (139aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMGTLPARRHIPPWVKVPEDLKDPEVFQVQTRLLKAIFGPDGSRIPYIEQVSKAMLEL
KALESSDLTEVVVYGSYLYKLRTKWMLQSMAEWHRQRQERGMLKLAEMNALELGPWMK

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.