

Datasheet for ABIN5853995
DPPA5 Protein (AA 1-116) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	DPPA5
Protein Characteristics:	AA 1-116
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPPA5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSMGTLPAR RHIPPWVKVP EDLKDPEVFQ VQTRLLKAIF
GPDGSRIPYI EQVSKAMLEL KALESSDLTE VVVYGSYLYK LRTKWMLQSM AEWHRQRQER
GMLKLAEAMN ALELGPWMK

Purity: > 85 % by SDS - PAGE

Target Details

Target:	DPPA5
Alternative Name:	DPPA5 (DPPA5 Products)
Background:	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

Target Details

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.

Molecular Weight: 15.9kDa (139aa)

NCBI Accession: [NP_001020461](#)

UniProt: [A6NC42](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

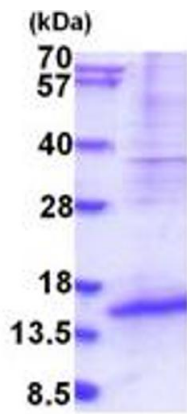
Format: Liquid

Concentration: 0.25 mg/mL

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

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.