9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DPPA3 Human

Developmental Pluripotency Associated 3 Human Recombinant
RCP0678

Product Overview

Name	DPPA3 Human
Description	
Developmental Pluripotency Associated 3 Human Recombinant	
Accession (Primary)	Q6W0C5
Synonyms	
Developmental pluripotency-associated protein 3, Stella-related protein, DPPA3, STELLAR, STELLA.	
Introduction	
Developmental Pluripotency Associated 3 (DPPA3) is a protein which in mice may serve as a maternal factor during the preimplantation stage of development. In mice, the DPPA3 protein has a role in transcriptional repression, cell division, and maintenance of cell pluripotentiality. In humans, related intronless loci are found on chromosomes 14 and X. DPPA3 is expressed in embryonic stem and carcinoma cells. DPPA3 has a low expression in the testis, ovary and thymus. DPPA3 is highly expressed in testicular germ cell tumors.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
DPPA3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MDPSQFN PTYIPGSPQM LTEENSRDDS GASQISSETL IKNLSNLTIN ASSESVSPLS EALLRRESVG AAVLREIEDE WLYSRRGVRT LLSVQREKMA RLRYMLLGGV RTHERRPTNK EPKGVKKESR PFKCPCSFCV SNGWDPSENA RIGNQDTKPL QP.	
Precautions	

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DPPA3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6W0C5)