
Product Data Sheet

Product Name: DPPA4 Human
 Cat. No.: GP23336
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Developmental Pluripotency Associated Protein 4; 2410091M23Rik.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMLRGSAS STSMEKAKGK EWTSTEKSRE EDQQASNQPN SIALPGTSAK RTKEKMSIKG SKVLCPPKKA EHTDNPRPQK KIPPLPSK LPPVNLHRD ILRAWCQQLK LSSKGQK LDA YKRLCAFAYP NQKDFPSTAK EAKIRKSLQK KLVKVEKGETS LQSSEHPPE VALPPVGEPP ALENSTALLE GVNTVVVTTT APEALLASWA RISARARTPE AVESPQEASG VRWCVVHGKS LPADTDGWWH LQFHAGQAWV PEKQEGRVSA LFLLPASNFP PPHLEDNMLC PKCVHRNKVL IKSLQWE		
Formulation	The DPPA4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.		

Introduction

DPPA4 takes part in the conservation of active epigenetic status of target genes and prevents differentiation of embryonic cells into a primal ectoderm extraction.

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.

Background

DPPA4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (1-304) and having a molecular mass of 35.9kDa. DPPA4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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