

32-3688: DPPA4 Recombinant Protein

Alternative Name : Developmental Pluripotency Associated Protein 4,2410091M23Rik.

Description

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

Product Info

Amount : 20 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : The DPPA4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMLRGSAS STSMEKAKGK EWTSTKSRE EDQQASNQPN
SIALPGTSAK RTKEKMSIKG SKVLCPKKKA EHTDNPRPQK KIPPLPSK LPPVNLHRD ILRAWCQQLK
LSSKGQKLDA YKRLCAFAYP NQKDFPSTAK EAKIRKSLQK KLVKVEGETS LQSSETHPPE VALPPVGEPP
ALENSTALLE GVNTVVVTTT APEALLASWA RISARARTPE AVESPQEASG VRWCVHVGKS LPADTDGWVH
LQFHAGQAWV PEKQEGRVSA LFLPASNFP PPHLEDNMLC PKCVHRNKVL IKSLQWE

