

## 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

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
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| <b>Amount :</b>            | 20 µg                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification :</b>      | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                       |
| <b>Content :</b>           | The DPPA4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.                                                                                                                                                                                                                                                                       |
| <b>Storage condition :</b> | 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.                                                                                                                                              |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MGSMLRGSAS STSMEKAKGK EWTSTESKRE EDQQASNQPN<br>SIALPGTSAK RTKEKMSIKG SKVLCPPKKA EHTDNPRPQK KIPPLPSK LPPVNLHRD<br>ILRAWCQQLK LSSKGQKLD YKRLCAFAYP NQKDFPSTAK EAKIRKSLQK KLVKEKGETS<br>LQSSETHPPE VALPPVGEPP ALNSTALLE GVNTVVVTTS APEALLASWA RISARARTPE<br>AVESPQEASG VRWCVVHGKS LPADTDGWVH LQFHAGQAWV PEKQEGRVSA LFLLPASNFP<br>PPHLEDNMLC PKCVHRNKVL IKSLQWE |

