# E2F-Associated Phospho (EAPP) ELISA Kit for Mouse

## PRODUCT OVERVIEW

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| **Product Name** | E2F-associated phosphoprotein (EAPP), ELISA Kit |
| **Full Product Name** | Mouse E2F-associated phosphoprotein, EAPP ELISA Kit |
| **Product Gene Name** | EAPP elisa kit |
| **Product Synonym Names** | Mouse E2F-associated phosphoprotein (EAPP) ELISA kit; BM036; C14orf11; FLJ20578; MGC4957; ; E2F-associated phosphoprotein |
| **Species Reactivity** | Mouse |
| **Preparation and Storage** | Store all reagents at 2-8 degree C |
| **Molecular Weight** | 32,494 Da |
| **3D Structure** | ModBase 3D Structure for Q5BU09 |
| **Related Product Information for EAPP elisa kit** | MBS9332988 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the E2F-associated phosphoprotein (EAPP) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing EAPP. The ELISA analytical biochemical technique of the MBS9332988 kit is based on EAPP antibody-EAPP antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect EAPP antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, EAPP. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%). |
| **Other Notes** | Small volumes of EAPP elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EAPP. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 13384860 |
| **NCBI GeneID** | 66266 |
| **NCBI Accession #** | NP_079732.1 |
| **UniProt Primary Accession #** | Q5BU09 |
| **UniProt Secondary Accession #** | Q9CZB5; Q9D914 |
| **UniProt Related Accession #** | Q5BU09 |
| **GenBank Nucleotide #** | NM_025456.3 |
| **NCBI Official Full Name** | E2F-associated phosphoprotein |
| **NCBI Official Synonym Full Names** | E2F-associated phosphoprotein |
| **NCBI Official Symbol** | Eapp |
| **NCBI Official Synonym Symbols** | 1810011O16Rik |
| **UniProt Protein Name** | E2F-associated phosphoprotein |
| **Protein Family** | E2F-associated phosphoprotein |

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|---|---|
| **UniProt Gene Name** | Eapp |
| **UniProt Synonym Gene Names** | EAPP |
| **UniProt Entry Name** | EAPP_MOUSE |
| **NCBI Protein Information** | E2F-associated phosphoprotein |
| **UniProt Comments for EAPP** | EAPP: May play an important role in the fine-tuning of both major E2F1 activities, the regulation of the cell-cycle and the induction of apoptosis. Promotes S-phase entry, and inhibits p14(ARP) expression. Interacts with E2F1. The C-terminal half binds the N- terminal of E2F1. Also interacts with E2F2 and E2F3, but not E2F4. Ubiquitously expressed. Highest levels in heart, placenta, skeletal muscle and pancreas. Lower levels in brain, lung and kidney. In the brain, expressed in all regions with high levels in the cerebellum and cerebral cortex. Expressed in COS1 and transformed skin fibroblasts.<br><br>Cellular Component: nucleoplasm; Golgi apparatus; cytoplasm; nucleus<br><br>Biological Process: positive regulation of RNA elongation from RNA polymerase II promoter; positive regulation of cell proliferation |
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