



# Recombinant *Oryza sativa* subsp. japonica Eukaryotic initiation factor 4A-3 (Os02g0146600, LOC\_Os02g05330)

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| <b>Product Code</b>      | CSB-EP741029OFG-B  |
| <b>Abbreviation</b>      | Os02g0146600, LOC_Os02g05330   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |
| <b>Uniprot No.</b>       | Q6Z2Z4   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Oryza sativa</i> subsp. japonica (Rice)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MAGMAPEGSQ FDAKHYDSKM QELLHQGDNE EFFTSYDEVF<br>ESFDDMGLQE NLLRGIYAYG FEKPSAIQQR GIVPFCKGLD VIQQAQSGTG<br>KTATFCSGIL QQLDYGLVEC QSLVLAPTRE LAQQIEKVMR ALGDYLGVKV<br>HACVGGTSVR EDQRILASGV HVVVGTPGRV FDMRLRRQSLR PDHIKMFVLD<br>EADMLSRGF KDQIYDIFQL LPPKIQGVF SATMPPEALE ITRKFMNKPV<br>RILVKRDELT LEGIKQFYVN VEKEDWKLDL LCDLYETLAI TQSVIFVNTR<br>RKVDWLTDKM RSRDHTVSAT HGDMDQNTRD IIMREFRSGS SRVLITDILL<br>ARGIDVQQVS LVINYDLPTQ PENYLHRIGR SGRFGRKGVA INFVTRDDER<br>MLFDIQRFYV VTIEELPANV ADLL |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | Os02g0146600   |
| <b>Protein Names</b>     | Recommended name: Eukaryotic initiation factor 4A-3 Short name= eIF-4A-3<br>EC= 3.6.4.13 Alternative name(s): ATP-dependent RNA helicase eIF4A-3<br>DEAD-box ATP-dependent RNA helicase 23 eIF4A-2   |
| <b>Expression Region</b> | 1-414  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.  |



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