



# Recombinant *Oryza sativa* subsp. japonica Formate dehydrogenase 1, mitochondrial (Os06g0486800, LOC\_Os06g29180)

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| <b>Product Code</b>      | CSB-EP886812OFG  |
| <b>Abbreviation</b>      | Os06g0486800, LOC_Os06g29180   |
| <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>       | Q9SXP2   |
| <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>          | AHTSAGSKKI VGVFYKGG EY ADKNPNFVGC VEGALGIREW LESKGHHYIV<br>TDDKEGLNSE LEKHIEDMHV LITTPFHPAY VSAERIKKAK NLELLLTAGI<br>GSDHIDLPA AAGLTVAEV TGSNTV SVAE DELMRILILL RNFLPGYQQV<br>VHGEWNVAGI AYRAYDLEGK TVGTVGAGRI GRLLLQRLKP FNCNLLYHDR<br>LKIDPELEKE IGAKYEEDLD AMLPKCDVIV INTPLTEKTR GMFNKERIAK<br>MKKGVII VNN ARGAIMDTQA VADACSSGQV AGYGGDVWFP<br>QPAPKDH PWR YMPNHAMTPH ISGTTIDAQL RYAAGVKDML DRYFKGEDFP<br>VQNYIVKEGQ LASQYQ |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | Os06g0486800   |
| <b>Protein Names</b>     | Recommended name: Formate dehydrogenase 1, mitochondrial EC= 1.2.1.2<br>Alternative name(s): NAD-dependent formate dehydrogenase 1 Short name=<br>FDH 1  |
| <b>Expression Region</b> | 21-376   |
| <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 of Mature 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.                    |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.   |



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