



# Recombinant Escherichia coli O6:H1 FKBP-type peptidyl-prolyl cis-trans isomerase FkpA (fkpA)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP355178EGX   |
| <b>Relevance</b>         | PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.  |
| <b>Abbreviation</b>      | Recombinant E.coli O6:H1 fkpA protein   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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>       | P65764  |
| <b>Alias</b>             | Rotamase  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)   |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.   |
| <b>Sequence</b>          | AEEAAKPATTADSKAAAFKNDDQKSAYALGASLGRYMENSLKEQEKLGIKLDKDQ<br>LIAGVQDAFADKSKLSDQEIEQTLQAFEARVKSSAQAKMEKDAADNEAKGKEY<br>REKFAKEKGVKTSSTGLVYQVVEAGKGEAPKDSDTVVVNYKGTLDGKEFDNS<br>YTRGEPLSFRLDGVIPGWTEGLKNIKKGGKIKLVIPPELAYGKAGVPGIPPNSTL<br>VFDVELLDVKPAPKADAKPEADAKAADSAAK          |
| <b>Research Area</b>     | Others  |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | fkpA  |
| <b>Protein Names</b>     | Rotamase  |
| <b>Expression Region</b> | 26-270aa  |
| <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>          | N-terminal 6xHis-SUMO-tagged  |
| <b>Mol. Weight</b>       | 42.3 kDa  |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Image</b>             |   |

