



Recombinant *Drosophila melanogaster* Multifunctional protein ADE2 (ade5)

| | |
|--------------------------|---|
| Product Code | CSB-BP864253DLU |
| Abbreviation | ade5 |
| Storage | 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. |
| Uniprot No. | Q9I7S8 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Drosophila melanogaster</i> (Fruit fly) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MSTTTTASIE GYKLGKVIIE GKTKQVYDLP EQPGLCLLLS KDRITAGDGV KAHDLGKAE ISNTTNGQVF RLLNEAGIRT AYVKQCGAKA FIARKCQMIP IEWVTRRLAT GSFLKRNVGV PEGYRFSPPK QETFFKDDAN HDPQWSEEQI VSAKFELNGL VIGQDEVDIM RRTTLLVFEI LERAWQTKNC ALIDMKVEFG ICDDGNIVLA DIIDSDSWRL WPAGDKRLMV DKQVYRNLAS VTASDLDTVK RNFIWVAEQL ADIVPKKDHL VVILMGSASD ISHSEKIATS CRSLGLNVEL RVSSAHKGPE ETLRIVREYE SVMSNLIFVA VAGRSNGLGP VVSGSTNYPV INCPVKSDN MQVDVWSSLN LPSGLGCATV LYPEAAALHA ATILGLGNFM VWSKLRVKAL NNFITLKKAD KELRGVRNA |
| Source | Baculovirus |
| Target Names | ade5 |
| Protein Names | Recommended name: Multifunctional protein ADE2 Alternative name(s): Protein adenosine-5 Including the following 2 domains: Phosphoribosylaminoimidazole-succinocarboxamide synthase EC= 6.3.2.6 Alternative name(s): SAICAR syntheta |
| Expression Region | 1-429 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Reconstitution | 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. |
| Shelf Life | 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.