

## Recombinant *C. freundii* Dihydroxyacetone kinase Protein, His-SUMO-tagged

### SPECIFICATION

|                         |                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cat.No.</b>          | dhaK-1188C                                                                                                                                                                                                         |
| <b>Species</b>          | Citrobacter freundii                                                                                                                                                                                               |
| <b>Product Name</b>     | Recombinant <i>C. freundii</i> Dihydroxyacetone kinase Protein, His-SUMO-tagged                                                                                                                                    |
| <b>Product Overview</b> | Recombinant <i>Citrobacter freundii</i> Dihydroxyacetone kinase Protein (356-548aa) was expressed in <i>E. coli</i> with N-terminal 6xHis-SUMO-tag.                                                                |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                     |
| <b>Tag</b>              | His/SUMO                                                                                                                                                                                                           |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 35.9 kDa                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | ALVAGIVELVTATLSDLLETHLNALDAKVGDGDTGSTFAAAAREIASLLHRQQPLNNLA<br>TLFALIGERLT<br>VVMGGSSGVLMSIFFTAAGQKLEQGANVVEALNTGLAQMKFYGGADEGDRMTIDAL<br>QPALTSLLAQPKNL<br>QAAFDAQAQAGAERTCLSSKANAGRASYLSSESLLGNMDPGAQRLAMVFKALAE |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                        |
| <b>Storage</b>          | The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.                                                      |
| <b>Gene Name</b>        | Dihydroxyacetone kinase                                                                                                                                                                                            |
| <b>Official Symbol</b>  | Dihydroxyacetone kinase                                                                                                                                                                                            |
| <b>Synonyms</b>         | Dihydroxyacetone kinase; DHA kinase; Glycerone kinase; EC= 2.7.1.29; EC 2.7.1.29                                                                                                                                   |
| <b>UniProt ID</b>       | <a href="#">P45510</a>                                                                                                                                                                                             |