



Recombinant *Saccharomyces cerevisiae* Phosphatidate cytidyltransferase (CDS1)

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| Product Code | CSB-CF334390SVG |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P38221 |
| Product Type | Transmembrane Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast) |
| Sequence | MSDNPEMKPHGTSKEIVESVTDATSKAIDKLQEELHKDASESVTPVTKESTAAT KESRKY NFFIRTVWTFVMISGFFITLASGHAWCIVLILGCQIATFKECIAVTSASGREKNLP LTKT LNWYLLFTTIYYLDGKSLFKFFQATFYEYPVLNFIIVTNHKFICYCLYLMGFVLFV CSLRK GFLKFQFGSLCVTHMVLLL VVFQAHLIKNVNLNGLFWLLPCGLVIVNDIFAYLC GITFG KTKLIEISPKKTLEGFLGAWFFTALASIILTRILSPYTYLTCPVEDLHTNFFSNLTC ELN PVFLPQVYRLPPIFFDKVQINSITVKPIYFHALNLATFASLFAPFGGFFASGLKRT FKVK DFGHSIPGHGGITDRVDCQFIMGSFANLYYETFISEHRITVDTVLSILMNLNDK QIIEL IDILIRFLSKKGIISAKNFEKLDIFNVTKKSLTNHS |
| Source | in vitro E.coli expression system |
| Target Names | CDS1 |
| Protein Names | Recommended name: Phosphatidate cytidyltransferase EC= 2.7.7.41 Alternative name(s): CDP-DAG synthase CDP-DG synthase CDP-diacylglycerol synthase Short name= CDS CDP-diglyceride pyrophosphorylase CDP- diglyceride syn |
| Expression Region | 1-457 |
| 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 |
| 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. |